Breanne Warner

491 Sterling Lane | South Elgin | breannewarner98@gmail.com | 248.924.0925

Education

University of Illinois at Urbana- Champaign (UIUC) Expected Graduation Date: May 2021 College of Engineering

Bachelor of Science in Computer Engineering, Minor in Informatics

Comillas Pontifical University Madrid, Spain

College of Engineering Study Abroad Program *May 2018 – July 2018*

- Traveled abroad to expand engineering skills from an international perspective and gain proficiency in Spanish language.
- Led research project in R statistical programming. Recommended simple coding alternatives and sequence exercises.

St Charles North High School St. Charles, IL

Graduated among *Top 2% in Class* *May 2017*

Professional Experience

Engineering Career Services Champaign, IL

Volunteer Coordinator *October 2018*

- Managed over 400 volunteers supplying necessary work force to cover 450 companies at the UIUC Engineering Career Fair.
- Facilitated effective recruitment of volunteers and restructured volunteer training guides to maintain smooth operation.

PwC Case Competition Geneva, IL

Participant *October 2018*

- Participated as 1 out of 35 teams at UIUC; collaborated on project among students in business and STEM backgrounds.
- Formulated relationships with attendees and PwC consultants through post-competition seminar and ceremony.

Nielsen Job Shadow Chicago, IL

Attendee *January 2018*

- Selected for all-day event with introduction to Nielsen emerging technology involved in market research and data analytics.
- Participated in integrated casing workshop and networked with associates through a one-on-one Q&A session.

The Kenrich Group LLC Job Shadow Chicago, IL

Attendee *February 2018*

- Networked with senior associates at lunch meeting to expand knowledge on future consulting and internship opportunities.

Kumon Math and Reading Center Geneva, IL

Head Tutor *October 2016- January 2017*

- Taught diverse curricula ranging from elementary-level reading comprehension to IB-level calculus sessions.
- Improved leadership and mentorship techniques through training peers in effective tutoring skills in calculus.

Leadership Experience

Alpha Kappa Psi Professional Business Fraternity Champaign, IL

Active Member *November 2017- Present*

- Selected in pledge class of 22 out of over 400 applicants at Top-Tiered professional business organization at UIUC.
- Gained a strong business mindset through interactions with 16 corporate sponsors and 100 members with diverse majors and career paths. Developed practical skills by attending corporate presentations and workshops.

Global Initiator *January 2018 - May 2018*

- Connected local chapter to members abroad by creating informative presentations on member's diverse experiences abroad.
- Coordinated meetings with Gies College of Business Dean and chapter members on insight into study abroad opportunities.

WYSE LEADers Chicago, IL

Instructor *September 2018- Present*

- Taught underprivileged 7th and 8th grade students logic flow principles using "Scratch" programming language.
- Remodeled curricula for the ChiSE enrichment program facilitating a more productive and engaging environment for families.

Kappa Delta Sorority Champaign, IL

Budget Committee *January 2018-Present*

- Served as pledge class committee member tasked to creatively design a new budget fitting the needs of our chapter.

Skills and Interests

- Proficiency in R language, LC-3, Microsoft Office applications, Mac tools, and Spanish
- Tennis, blog writing, European traveling, and One Republic(band)

ANNAMIKA DUA

ad8@illinois.edu • 508 E. Healey St, Champaign, IL 61820 • 732-881-8148

University of Illinois at Urbana-Champaign *May 2021*
EDUCATION
Bachelor of Science in Computer Engineering

TECHNICAL SKILLS

- Programming languages used: **Java**, **C**, LC-3 Assembly
- Exposure to: C++, Python, Arduino
- Apps using Android Studio
- Currently self-learning fundamentals of Bitcoin and creating **Blockchain** using Javascript

Forex.com, GAIN Capital Bedminster, NJ
Software Engineering Intern *May – Aug 2018*
EXPERIENCE & PROJECTS

- Wrote automation test scripts in **Java** for the forex.com and cityindex.com websites
- Utilized various testing frameworks for the web applications such as **Selenium**, **TestNG**, and **TestComplete**
- Researched and learned the basics of forex.com's **Sitecore CMS** underneath one of my mentors
- Collaborated with various departments in order to understand the "behind-the-scenes" of the company

Computer Cooling Pad Champaign, IL
Team Member *Sept – Dec 2017*

- Built a cooling pad for a laptop along with a team of two other ECE students
- Detected when the laptop was getting too hot using temperature sensors, at which point three fans, along with LEDs, would turn on to help cool the laptop
- Used an Arduino Board to help pull everything together, and wrote code (in Arduino) to turn the fans and LED lights on
- Discussed and thought about the most efficient design style and attached fans to the base of the cooling pad based on our collaboration

Engineering Council, S.I.T.E. Champaign, IL
Volunteers Co-Chair *May 2018 – Present*
LEADERSHIP

- Organize the event for current high school students to come onto campus and see what it is like to be an engineer at Illinois
- Responsible for bringing together pairs of one current student and one prospective student, as well as helping to organize the rest of the event
- Plan the logistics behind introducing high school to college student matches

Women in Engineering Champaign, IL
Mentor and Ambassador *Jan 2018 – Present*

- Arrived early to campus and helped out during WIE Orientation (August) of around 200 girls
- Led a group of five incoming freshmen: welcomed them to campus, answered questions, and gave tours of the campus
- Interacted with prospective students as well as their parents and told them about my experiences of being a woman in engineering

Elisa Krause

CURRENT ADDRESS
901 W College Ct, Room 902
Urbana, IL 61801

Cell Phone: (224) 242-2985
Email: elisak2@illinois.edu

PERMANENT ADDRESS
604 Regency Drive
Lake Zurich, IL 60047

EDUCATION

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN Expected Graduation: May 2022
Bachelor of Science in Electrical Engineering
GPA: 4.00/4.00

LAKE ZURICH HIGH SCHOOL Graduated May 2018
GPA: 5.2455/4.00 (Summa Cum Laude)

EXPERIENCE & ACTIVITIES

SOLAR DECATHLON, Urbana, IL (2018-Present)
University of Illinois Urbana-Champaign
-Collaborated on concept team to analyze past solar decathlon ideas and build upon them
-Learned about sustainability and green technology to advance designs

MEMBER OF WOMEN IN ELECTRICAL AND COMPUTER ENGINEERING, Urbana, IL (2018-Present)
University of Illinois Urbana-Champaign
-Worked on outreach committee to organize events with K-12 students to inspire them to take an interest in engineering

CHILDREN'S DEPARTMENT LIBRARY PAGE, Lake Zurich, IL (2016-2018)
Ela Area Public Library
-Organized sections to ensure patrons could locate books more efficiently
-Assisted patrons with their questions and finding what they needed
-Communicated with other departments regarding damaged materials
-Trained new pages

BAND SECTION LEADER, Lake Zurich, IL (2015-2018)
Lake Zurich High School
-Facilitated communication between the band director and the clarinet section
-Planned section parties and other bonding activities

NATIONAL HONORS SOCIETY MEMBER, Lake Zurich, IL (2017-2018)
Lake Zurich High School
-Coordinated volunteers for a varsity dance competition
-Volunteered 50 hours for community events

CROSS COUNTRY AND TRACK & FIELD, Lake Zurich, IL (2014-2018)
Lake Zurich High School
-Balanced practice every day and training through the off season with academics and other activities

PROJECTS

WINDOW BLINDS CONTROLLER (ECE 110 Honors) (Fall 2018)
-Developed a mechanism to open and close window blinds based on brightness inside the dorm room, brightness outside the dorm room and time of day using Arduino and phototransistors

HONORS & AWARDS

James Scholar
National AP Scholar
National Merit Finalist
Daily Herald Lake County All-Academic Honorable Mention
Lake Zurich High School Senior Mathematics Award
Illinois State Scholar

SKILLS

MATLAB
Basic Circuitry
Microsoft Office
Visual Basic
Arduino
Python

Richa Vijayvergiya

(585)-260-9359 | 505 S. Fourth St. Apt. 205 Champaign, IL, 61820| vijayve2@illinois.edu

Education

University of Illinois at Urbana-Champaign Class of 2020
Bachelor of Science, Electrical Engineering GPA: 3.12/4.0
French Minor
Relevant Courses: Computer Systems & Programming (**ECE 220**), Analog Signal Processing (**ECE 210**), Power Circuits and Electromechanics (**ECE 330**), Digital Systems Laboratory (**ECE 385**), Fields and Waves I (**ECE 329**), Electronic Circuits (**ECE 342**), Electronic Circuits Laboratory (**ECE 343**), Social & Environmental Issues (**ESE 210**), Environment and Sustainability Field Expedition (**ESE 389**), Renewable & Alternative Energy (**ENSU 310**)

Work Experience

Engineering Intern at Echoworks (a Y-Combinator startup) *June 2018*
Designed their website, created a chat bot, and managed social media

Researcher, Grainger CEME *August 2016*
Worked with graduate students and professors on **power and energy** related topics (i.e. electric motors, power grid, solar panels, etc.)

Shadowee, for Amped I LLC *January 2016*
Job shadowed an employee of an electrical engineering firm, Amped I LLC
Learned how to read schematics to connect large power sources to power grids

Peer Advisor, International Programs in Engineering
Present
Advising students for studying abroad through the college of engineering
Managing international students and students that came back from study abroad

Leadership and Activities

Women in Electrical and Computer Engineering, *Mentorship Director*
Manage chairs that create events and connect with professionals to foster a supportive community within in the ECE Department

Women in Electrical and Computer Engineering, *Lean In Co-Chair*
Arranged Lean Ins to create a supportive community in the ECE Department

Illinois in Paris Program, Institut Catholique de Paris
Volunteered for 30 hours with various NGOs, immersed in French culture for improving fluency, to be applied in future career prospects

Around the World Program, Kyushu University
Studied in a new country, learned Japanese, and participated in a homestay

Projects

Solar Panel Installation
Initiated installing solar panels at a local community garden

Electric Racecar
Soldered electric boards, manufactured a gas pedal, welded a chassis for Illini Formula Electric

Vending Machine with FSMs
Programmed in LC-3 assembly language to create an FSM that emulated a coin-operated vending machine

Miniature Car
Programmed an Arduino to control a miniature car in conjunction with light-sensors used to detect a path

AM Superheterodyne Receiver
Built a receiver using op-amp amplifiers to filter different radio frequencies

Arcade Game on FPGA
System-on-Chip design to create an arcade game using SystemVerilog

Skills

- Programming: assembly language (LC-3), SystemVerilog HDL, HTML, CSS
- Lab safety, lab equipment, machine shop and hand-tool training (band saw, welding, soldering, drills, etc.)
- Spoken Languages: Hindi, English, French

Sneha Kurella

3213 Montelena Dr ● San Jose, CA 95135 ● 408-693-4407 ● snehak3@illinois.edu ● www.linkedin.com/in/sneha-kurella

EDUCATION

University of Illinois at Urbana-Champaign, Champaign, IL *Expected Graduation: May 2021*

- College of Engineering - Department of Electrical and Computer Engineering
  - Bachelor of Science in **Computer Engineering**
  - Honors Program, Engineering James Scholar
- Intended Minor: Music
- Coursework: Multivariable Calculus, Differential Equations, Physics (Mechanics, Electricity & Magnetism), Introduction to Computing, Introduction to Electronics, Computer Systems & Programming, Data Structures, Discrete Structures, Linear Algebra, Analog Signal Processing

Evergreen Valley High School, San Jose, CA *Graduated: May 2017*

- Summa Cum Laude; GPA – 3.94/4.0 Unweighted, 4.2/4.0 Weighted
- Honors and Awards: National Merit Scholarship Finalist, AP Scholar with Distinction

WORK EXPERIENCE

Intel Corporation, Santa Clara, CA

Software Intern, Bluetooth Core Products, Wireless Communications Group *May 2018 – August 2018*

- Responsible for silicon and firmware verification for Bluetooth products
- Ownership for maintaining lab test beds including hardware, firmware and test harnesses
- Single point of contact for running daily schedule of test suites, analyzing test results and reporting issues
- Working as part of Agile/SCRUM team, developed Python scripts to port verification programs written in C++
- Developed additional scripts in Python for verification of silicon and firmware functionality

University of Illinois at Urbana-Champaign, Champaign, IL

Calculus and Physics Tutor *October 2017 – May 2018*

- Teaching Calculus I, II, and III, Physics: Mechanics to university students
- Responsible for developing review guides and suggested study techniques to ensure high exam performance

Pandora Ventures, San Jose, CA

Sales Associate *June 2017 - August 2017*

- Demonstrated exceptional customer service & selling skills; Promoted product and in-store financing
- Processed transactions; Managed count & organization of inventory

PROJECTS AND SKILLS

Illini Solar Car, University of Illinois at Urbana-Champaign, Champaign, IL *September 2017 – Present*

- Organization consisting of several cross-functional teams that design solar car to compete in annual World Solar Challenge
- Member of Electrical Team, developing and implementing innovative battery technologies

Society of Women Engineers, Team Tech, University of Illinois at Urbana-Champaign, Champaign, IL *September 2017 – Present*

- Designing a networking system to collect operational & performance data from machinery for Caterpillar, Inc. and run analytics

COSMOS at University of California, Irvine, CA *July – August 2016*

- Utilized Swift programming language to build Virtual Museum application as part of the program: Sound for Mobile iOS Devices with an Exploration of Immersive 3D Sound Scenes

Synopsys Science Fair, San Jose, CA *April 2016*

- Certificate of Achievement from Ricoh Corporation; Project Title: Enabling the Hearing-Impaired to Perceive Audible Alarms: An Application of IoT Techniques

Programming Skills:

- C/C++, LC-3 Assembly, Java, Python, Swift

ACTIVITIES AND LEADERSHIP

Girls Who Code, San Jose, CA *August 2013- August 2015*

- Learned applications development in Java, JavaScript, and Python programming languages from instructors from Google Inc.

Evergreen Valley High School Speech and Debate, San Jose, CA *August 2013- May 2017*

- Finalist at John Schamber Invitational 2016, Santa Clara University Invitational 2016, Stanford University Invitational 2017
- Assisted in teaching public speaking, and techniques applicable to specific speech and debate events, to middle school students and incoming high school freshmen at summer program *July 2015 / July 2016*

Western Classical Piano *2006-2017*

- U.S Open Music Competition - Fourth Place, Showcase Solo Category *January 2017*

- Certificate of Merit Level 10, Branch Honors, and Regional Panel Certification *April 2016*

Caroline Luong

caro.luong@yahoo.com **650.426.8405**

Permanent Address:
1535 Birchmeadow Ct San Jose, CA 95131

Campus Address:
326 Trelease Hall 901 W College Ct. Urbana, IL 68101

Education

University of Illinois Urbana-Champaign **Urbana-Champaign, IL**

Bachelor's Degree in Computer Engineering (2021)

- ECE 110 – Introduction to Electronics
- ECE 120 – Introduction to Computing
- ECE 220 – Computer Systems and Programming
- ECE 210 – Analog Circuits and Systems (Fall 2018)
- CS 173 – Discrete Structures (Fall 2018)
- CS 225 – Data Structures (Fall 2018)
- ECE 391 – Computer Systems Engineering (Spring 2019)

Experience

August 2016 - June 2017

Teacher Assistant, Homestead High School

- Assisted teacher in grading and filing students' papers for a class credit

July 2016 - July 2016

Camp Assistant, City of Cupertino, Memorial Park and McClellan Ranch

- Assisted camp leaders with activities such as leading camp games and songs
- Organized campers during transitions and helped them through problem
- Obtained experience in leadership, teamwork, organization and problem solving

Summer of 2011, 2012, 2013, 2015, 2016

Camp Assistant, Destination Science, Loyola Elementary School, Stratford Sunnyvale

- Assisted camp leaders with activities such as leading camp games and songs
- Organized campers during transitions and helped them through problems
- Obtained experience in leadership, teamwork, organization and problem solving

Skills

C/C++ programming LC-3 HTML5 and CSS Java Violin (13 years experience)

Awards

- AP Scholar with Distinction Award
- National Merit Commended Award
- Passed ABRSM Violin Level 8 Exam with Distinction *2017*
- Community School of Music and Arts Merit Scholarship *2012-2016*
- Violin Solo Superior Award from California Music Educators Association *2014*

Clubs and Activities

- Women in Electrical and Computer Engineering (WECE) *2017 – Present*
- Illini Taekwondo *2017 – Present*
- National Art Honor Society *2015 – 2017*

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- Illini Taekwondo *2017 – Present*
- Society of Women Engineers *2018 - Present*
- National Art Honor Society *2015 – 2017*

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University of Illinois at Urbana-Champaign **Urbana-Champaign, IL**

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ECE 210 – Analog Circuits and Systems (Fall 2018
CS 173 – Discrete Structures (Fall 2018)
CS 225 – Data Structures (Fall 2018)
ECE 391 – Computer Systems Engineering (Spring 2019)

Technical Projects

My own website *(Ongoing)* – Currently building my own website using HTML5 and CSS
2048 Game *(2018)* – Programmed the movement code for the game 2048 using C
Moving Car *(2018)* – Built a moving car that turns when it encounters a wall using only hardware components with a partner
Shooting Game *(2015)* – Used Java to build a shooting game based off Galaga

Experience

August 2016 - June 2017
Teacher Assistant, Homestead High School

- Assisted teacher in grading and filing students' papers

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Camp Assistant, City of Cupertino, Memorial Park and McClellan Ranch

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Clubs and Activities

- Women in Electrical and Computer Engineering (WECE) August 2017 – Present
- Illini Taekwondo August 2017 – Present

Skills

C/C++ programming HTML5 and CSS Python Java Violin (13 years experienc

ADITI PANWAR

217-979-4491
apanwa3@illinois.edu
University Address:
512 South Third St, #220
Champaign, Illinois 61820

Education:

University of Illinois at Urbana-Champaign
Computer Engineering - Class of 2020
The Mother's International School, New Delhi, India
Passed with 90.2% (CBSE)
Computer Science 93%

Experience:

- **Internship at Ekey Technology Inc.** June 2018 - August 2018
  - Built a campaign manager website for the start-up using HTML, CSS and Javascript
  - Worked on the database for the website using PHP
  - Worked with the Google maps API
  - Gave ideas on how to improve the implementation and usability of the product
- **Workshop chair, Technical committee, WECE** *August 2017 - May 2018*
  - Organise workshops for college students
  - Held and taught a workshop of Raspberry Pi for UIUC students for HackIllinois
- **Mentorship Program chair, Professional Liaison committee ,SWE** *August 2017 - May 2018*
  - Managed and organised the Mentorship Program 2017-2018
- **Internship at Sopra Steria** *24th July -18th August*
  - Had experience working in a professional environment for the first time
  - made a small banking program in JAVA
- **Silicon Valley Workshop 2018** *Winter 2018*
  - Technology entrepreneurship workshop that includes visits to startups and leading technology companies.
  - was among the 24 selected out of around 200 applicants
- **Volunteered in SWE engineering Round Robin** *Fall 2016*
  - taught Binary code, circuit board wiring and Arduino to high school students.
- **Part-time job in the UIUC bookstore** *Fall 2017*
  - worked as a cashier
  - gained communicational and organisational skills
- Have received a certificate from Animal activist and Union Cabinet Minister for Woman and Child Development Government of India for volunteering in the campaign for dog care.

Projects:

- **Amazon Echo** *February 2018 - March 2018*
  - building an Amazon Echo using a Raspberry Pi and Amazon API for WECE
- **Vending Machine Unit** *November 2016*
  - Built a coin dispenser using Finite State Machines
- **Light avoiding Vehicle** *Spring 2017*
  - It moves in the direction opposite to the source of light.
- **Entrepreneurial Innovation LLC lock in** *January 2017*
  - My team of three came up with the idea of "Pepper", an application that provides a platform for the public to notify local problems to the officials.
- Wrote a research paper on the treatment for victims of sexual abuse. *Spring 2017*

Relevant Coursework:

Computer Systems and Programming, Introduction to Electronics(Merit section), Introduction to Computing, Analog Signal Processing, Introduction to Data Structures, Discrete Structures

Technical Experience:

Programming Languages: C, C++, Raspberry Pi, LC3 machine language, HTML, CSS, Javascript, LC3 machine language, Arduino, MySQL, PHP, MATLAB, Java, Analog and Digital Signal Processing

Chelsea Langston

605 E White St, Champaign, IL 61820 Cell: 773-600-8831 Email: clangst2@illinois.edu

PROFESSIONAL SUMMARY

Results-oriented Computer Engineer known as a consistent team player with skilled technical abilities.

EDUCATION

Bachelor of Science: Computer Engineering, Expected Graduation 2020
University of Illinois at Urbana-Champaign - Urbana, IL

High School Diploma: 2015
Lake Forest Academy - Lake Forest, IL

Relevant Coursework: Combinational Logic Circuits, Digital Signal Processing, Spectrometer Equipment

Technical Skills: C Programming, Assembly Language Programming, VBScript, MATLAB, SQL, SystemVerilog, Basic C++ Programming

Professional Skills: Collaborating with others, excellent attention to detail, creative problem solving, fast learner, highly dependable, expertise in troubleshooting [issues], performance optimization, great communicator, trustworthy leader

WORK HISTORY

IT Test Automation Engineering Intern, 06/2018 to 08/2018
Excellus BlueCross BlueShield – Rochester, NY

- Create and run automated tests for their claims processing application.
- Learn how to work and learn in a professional environment.
- Attended a speech class to enhance public speaking skills.

Public Relations Chair , 03/2018 to Present
Blacks and African Americans in Computing – Champaign, IL

- Plan professional networking events for the organization.
- Responsible for the upkeep of all social media accounts.
- Encourage minorities to enter technological fields.

Adult Volunteer, 05/2016 to 08/2016
P.A.W.S. of Tinley Park – Tinley Park, IL

- Provided tender loving care for homeless and sheltered dogs and cats.
- Ensured a clean living environment for the animals.
- Responsible for providing daily care to the animals.
- Other responsibilities included: cleaning cages, feeding, medicating, socializing, and grooming.

ACCOMPLISHMENTS

Received 1st degree black belt in karate.
Assistant Instructor at Katai Martial Arts – 2011 to 2014

EXTRACURRICULAR ACTIVITIES

Member of University of Illinois Concert Band.
Blacks and African Americans in Computing- Founding Member since March, 2018
National Society for Black Engineers- Member since 2017
Alpha Omega Epsilon Engineering Sorority- Member since 2016

References available upon request

CLAIRE LUNDTVEIT

Wadsworth, IL 60083 ● (847) 313-8848 ● CPL3@illinois.edu

EDUCATION

University of Illinois at Urbana-Champaign Expected: May 2021
Bachelor of Science in Electrical Engineering GPA: 3.42 / 4.00
Warren Township High School August 2013 — May 2017
Project Lead the Way (PLTW) Student – 4 year accelerated engineering program including courses about Mechanical, Electrical, Civil and Industrial Engineering, as well as Computer Science. GPA: 4.46 / 4.00

PROFESSIONAL EXPERIENCE

Abbott – Neuromodulation Plano, TX
Development Quality Engineering Intern *May 2018 — August 2018*
- Conducted electromagnetic compatibility (EMC) testing on spinal cord stimulators for design verification
- Composed protocol and report for EMC testing to comply to BS EN 60601-1-2
- Performed iOS regression testing for software verification of new MRI-conditional app for deep brain stimulation patients
- Optimized design reviews in Standard Operating Procedure to resemble the design reviews of NASA

Abbott – Global Engineering Services Abbott Park, IL
Facilities Management Intern *June 2017 — August 2017*
Lean Six Sigma (Yellow Belt Certified) — Project:
- Enhanced Lighting Work Order system to ensure efficient processing
- Reduced Lighting Work Order completion time frame from 5 to 3 business days, decreasing costs by 40% per work order
- Implemented new system in help desk and call center to effectively pinpoint inefficiencies

Abbott – Global Information Services Abbott Park, IL
Product Cybersecurity Intern *June 2016 — August 2016*
- Automated Cybersecurity Inventory PowerPoint reviewed by Abbott's Board of Directors
- Designed code in Excel to ensure that Cybersecurity Risk Assessments are completed
- Generated annual cost savings to Abbott of $10K per year by reallocating time while increasing quality

LEADERSHIP EXPERIENCE

Phi Chi Theta Professional Business Fraternity Champaign, IL
Service Committee *September 2017 — Present*
- Developed professionally through resume critiques, mock interviews, and case competitions
- Strengthened public speaking skills by presenting current market trends and stock market analyses

University of Illinois Women's Club Volleyball Champaign, IL
A-Team Athlete *September 2017 — Present*
- Competed in a dynamic environment three times a week and traveled to a variety of universities throughout the Midwest

PADS (Providing Advocacy, Dignity, and Shelter) Homeless Shelter Zion, IL
Server *September 2010 — August 2017*
- Arranged and served meals to serve to the homeless once a month

TECHNICAL EFFICIENCIES

- Proficient in C and Microsoft Visual Basic
- Microsoft Excel VBA (Macros)
- CAD Autodesk Inventor
- Microsoft Visio

EXPERIENTIAL LEARNING

- August 2018 – Baxter Sophomore Leadership Program
- April 2018 – Boeing Bootcamp
- January 2018 – Deloitte Job Shadow
- December 2017 – Morningstar Job Shadow

Carolyn L. Nye

475 Navajo Road Medina, MN 55340 • 612-247-5322 • clnye2@illinois.edu

EDUCATION

University of Illinois Urbana-Champaign

Bachelor of Science, Electrical Engineering GPA: 3.55/4.0 **May 2019**

Relevant Coursework: Computer Systems & Programming, Analog Signal Processing, Digital Signal Processing, Digital Systems Laboratory, Biomedical Imaging, Biomedical Instrumentation, and Digital Communications Lab

ACTIVITIES

University of Illinois Track & Field Team

Pole Vaulter – Division I **2015-Present**

Women in Engineering (WIE)

Ambassador and Freshman Orientation Mentor **2015-Present**

Served as a mentor for 10 incoming women in Electrical Engineering during a three-day orientation which assisted them in their transition to college.

Women in Electrical and Computer Engineering

Treasurer and Club Member **2015-Present**

RELEVANT EXPERIENCE

3M Research & Development Data Science Intern

Assisted with analysis and development of the Blackbird project **2018**

The Blackbird project worked to improve accessibility of Amazon Web Services (AWS) for data scientist project teams in the Corporate Research Systems Lab. Worked on a software development team using Agile and Scrum principles to improve products offered on the AWS Service Catalog. Additionally, developed Alexa Skills and helped organize and present at a three-day Alexa Skills Challenge for over 100 people.

Undergraduate Research Assistant, Department of Electrical and Computer Engineering

Assisted with major development of the MUS-ROVER program **2017**

MUS-ROVER is a machine learning agent that learns music composition rules and styles from musical data structured in certain ways. Most of the musical data available on the internet is in formats that are not easily interpretable by computers and, as a part of the data science team, I developed methods and algorithms to automatically collect and preprocess musical data.

Engineering Student Admission Representative (ESTAR) Director

Engineering Campus Tour Guide and Engineering Campus Tour Guide Director **2016-Present**

Communicated with engineering administrators, coordinated tour guides, and scheduled tours for the College of Engineering. Served on the Engineering Information Bureau.
Welcomed incoming students and their families to campus and assisted with their fall course registration. Showcased the Illinois campus and history through campus tours and displayed resources and lab spaces for engineers through engineering tours.

AWARDS

University of Illinois College of Engineering Dean's List **Spring 2016 & Fall 2016**

Academic All-Big Ten **2017 & 2018**

Cum Laude Society and AP Scholar with Distinction **2014-2015**

6-time Team Captain **2013-2015**

2-time Cross Country, Nordic Skiing, and 3-time Track & Field

SKILLS

- Coded in Python, C, C++, Objective C, HTML, LC-3 assembly language, System Verilog, and MATLAB
- Created autonomous wall-following car
- Fluent in Spanish – writing, speaking, and listening

Farzana Haque

fhaque3@illinois.edu | (917) 538-5056 |307 East Healey St. Apt #15, Champaign, IL 61820
https://github.com/FarzanaHaque

EDUCATION

University of Illinois Urbana-Champaign, IL
B.S., Computer Engineering, May 2019 GPA: 3.2/4.0
Relevant Coursework: Digital Systems Lab, Artificial Intelligence, Data Structures, Logic Synthesis
Current Coursework: Algorithms, Digital Signals Processing, Computer Systems Engineering

WORK EXPERIENCE

Micron Technology Boise, ID
Research & Development Probe Engineering Intern May-August 2018
- Worked in C++ to automate mapping Logic Analyzer signals based on desired hardware interface
- Converted Logic Analyzer signals to Verilog vectors inputted for device simulations
- Collaborated with tool owners and technicians in other teams
- Created a unified system to help validate power up/power down of a tester before first silicon of a semiconductor device

SKILLS

Software: C/C++, Python, System Verilog, x86 assembly, Subversion/Git, Linux Command Line, GDB and Matlab
Hardware/tools: FPGA, Quartus, Arduino, Raspberry Pi, Mentor Graphics, oscilloscope, logic analyzer

COURSE PROJECTS

Digital Systems Laboratory Fall 2017
- Built an encryption software module running on the CPU side of the SoC platform and a decryption accelerator module to accelerate Advanced Encryption Standard operations using Altera's FPGA
- Created an arcade game using System Verilog to communicate with the VGA Controller and NIOS II keyboard interface

Data Structures Fall 2017
- Implemented a nearest neighbor search algorithm using kd-trees to produce a photo mosaic

LEADERSHIP

Out in STEM August 2016-Present
External Vice President May 2018-Present
- Connect LGBTQ+ student studying STEM to companies and research labs
- Work with corporate sponsors to raise funding for club expenses and excursions
- Plan professional and networking events to help members develop their careers

Community Outreach Chair August-December 2016
- Worked with entire executive board to plan and raise funding to take club chapter to oSTEM national conference

Women in Electrical and Computer Engineering August 2017- May 2018
Project Chair for Technical Committee
- Led a team project to build a voice-activated Mystic Mirror using a Raspberry Pi, Alexa Skills Kit and AWS Lambda
- Presented project with team at engineering outreach events like Engineering Open House and CS Sail

Society of Women Engineers August 2015-May 2018
Dance Marathon Chair and Alumni Brunch Chair
- Successfully raised the fundraising goal of $3,500 for pediatric hospitals
- Planned a brunch networking event for engineering students and alumni

Samira Tungare

Chicago, IL • samirat2@illinois.edu • (630) 456-2044

OBJECTIVE

I am a Junior studying Electrical Engineering seeking an internship for the Summer of 2019. My areas of interest include power and energy systems, control systems, and digital signal processing. I have professional experience in the healthcare industry as well as the power transmission and distribution industry.

SKILLS

- HTML/CSS/JavaScript
- SystemVerilog/FPGA
- Matlab/Arduino
- C Programming/C++
- Microsoft Office/SharePoint 2013
- AutoCAD 2018

EDUCATION

Bachelor of Science in Electrical Engineering GPA: 3.05/4.0
University of Illinois at Urbana-Champaign May 2020

PROFESSIONAL EXPERIENCE

Burns and McDonnell **Chicago, IL**

Transmission & Distribution Intern May 2018 - August 2018

- Worked on the T&D team that provides substation design services to clients throughout the country. I worked on various engineering design tasks including an AC panel design, breaker schematics and wiring drawings, and designing the installation of SCADA and communication cabinets. I gained experience with AutoCAD 2018, backchecking drawings, creating proposal and support documents, and working with as-built drawings. Additionally, I had the opportunity to visit a 765KV substation site.

UnitedHealth Group/Optum **Schaumburg, IL**

Technology Development Intern *June 2017 - August 2017*

- Worked on a web development team that created an internal website as a data repository and single source of information for Optum's Technology Development Program. The website included a home page, 6 subpages with links to libraries containing documents with metadata tags, and access control based on user permissions.This website was created by utilizing SharePoint 2013 as a platform and adding customized HTML, CSS, and JavaScript to provide unique functionality.

EXTRACURRICULARS

Illinois Engineering First-Year Experience (IEFX) **Champaign, IL**

Engineering Learning Assistant August 2018 - Present

- Leading the instruction of the Engineering 100 course required for first year engineering students and serving as a peer advisor/mentor to the 20-25 students in my section.

Promoting Undergraduate Research in Engineering (PURE) **Champaign, IL**

Committee Member September 2018 - Present

- Working on the PURE committee to help provide oversight and guidance for the program. Responsibilities include organizing workshops, reviewing mid-semester presentations, and assisting with the PURE Symposium.

Undergraduate Research Assistant - Human Dynamics and Control Lab September 2017 - December 2017

- Worked to fabricate and test a textile silicone hybrid sensor that will be integrated into an elbow angle measurement device. An Arduino was used to measure the capacitance changes of the sensor as it is stretched.

Office of Undergraduate Admissions **Champaign, IL**

Campus Tour Guide January 2018-Present

- Duties include giving tours to prospective students and families, working the check-in table, sitting on a student panel, and building information bags that are provided to students during campus visits.

HONORS & AWARDS

Engineering Visionary Scholar (2016/2017/2018); **University of Illinois James Honor Scholar** (2016/2017/2018); **Top 5% of High School Class** (2016);**All Conference Athlete for Golf** (2014/2015);

MEGAN COLEMAN

meganc2@illinois.edu ▪ (847)-946-8899 ▪ www.meganmariecoleman.com ▪ www.linkedin.com/in/MeganColemanUIUC

EDUCATION

University of Illinois at Urbana-Champaign May 2020
Bachelor of Science in Computer Engineering, College of Engineering GPA: 3.38 / 4.00
Minor in Mathematics | Minor in Informatics

Technical University of Denmark Summer 2018
Global Research Scholar | Travel Fellowship Recipient

PROFESSIONAL EXPERIENCE

Google Cloud Platform (GCP) at VACO Summer 2018-Present
Student Innovator
- Completed technical training for the GCP at Googleplex (HQ) in Mountain View by Googlers
- Liaison for GCP at the UIUC campus
- Collaborate with 3 student groups to host tutorials, workshops, and project development hours to encourage and enable undergraduates to pursue their projects through the Google Cloud Platform

Engineering Learning Assistant at UIUC Spring 2018-Present
Teaching Assistant for ENG 100 & ENG 198
- Collaborate with 8 other ECE ELA's to improve course material and redesign the syllabus to be student-centered
- Introduce 22 ECE freshman to campus resources and the engineering curriculum through a discussion based course
- Create, execute, and evaluate lesson plans for ENG 198 one on one with the professor

Researcher's Initiative: Computer Music Synthesis | Graphical Modeling at UIUC Spring 2017/2018
Research Assistant
- Lead a team of 4 in developing a manual so that various audiences would have the foundational knowledge to not only use, but expand the limits of the software involved in the Computer Music Project
- Worked on graphical modeling to familiarize myself with the research process in the Mathematics Department
- Presented at the Undergraduate Research Symposium & LLC Poster Symposium display various opportunities at UIUC

LEADERSHIP & ACTIVITIES

Women in Cyber Security (WiCyS) 2018- Present
Student Advisory Board Member, Student Chapter Leader at UIUC, Scholarship Recipient
- Initiating a WiCyS Chapter to empower women to pursue CyS through competitions while creating a strong network
- Developing documentation for future chapters to encourage other women in other schools across the nation to initiate chapters in their local regions

Women in Computer Science (WCS) 2018- Present
Active Member in Team Tech
- Created a horizontal scroll website and demonstrated functionality at Engineering Open House
- Presented for WCS at CS Sail to a group of 100 parents of future Illini's to display opportunities at Illinois

Engineering Outreach Society (EOS) 2017-Present
Classroom Leader
- Engage 4th graders to think about STEM fields by introducing engineering concepts through hands-on activities
- Work with a partner to lead weekly hands-on activities in a classroom of 20 4th graders at a local elementary school

Women in Math Science and Engineering (WIMSE) Living Learning Community (LLC) 2017 –2018
Peer Leader (PL) & Orientation Leader (OL)
- Mentored 8 women in Computer Engineering & Computer Science to engage students with campus opportunities
- Worked with 14 PL's to plan, develop, and execute monthly programs for over 200 residents to build a strong, empowering, supportive community in WIMSE

Hacking Chicago (sponsored by Capital One) *Spring 2017*
Competition Winner
- Innovated a solution to a real-world problem I was presented by the non-profit Money Think
- Solved the problem by creating a functional website which addressed the needs of this non-profit

CERTIFICATIONS AND TECHNICAL SKILLS

Graduate Certificate in College Teaching: Demonstrating my passion for teaching and my experience at the collegiate level

Technical Skills C | Java | System Verilog | R | Arduino | C#

MISHA PATEL

misha.n.patel@gmail.com | 631 609 1696
Personal Website: mishapatel.net | Github: https://github.com/mpatel17

EDUCATION

University of Illinois at Urbana-Champaign **May 2020**
Bachelor of Science in Computer Engineering, Minor in Business GPA: 3.1/4.0

- University Achievement Scholarship recipient
- Relevant coursework: Computer Systems Engineering, Artificial Intelligence, Big Data, Data Structures, Discrete Structures, Analog Systems Processing, Probability with Engineering Applications, Multivariable Calculus

SKILLS

Languages: *Proficient:* C/C++ *Intermediate:* Python, SQL Server, assembly *Learning:* CSS, HTML, Javascript
Technologies/Software: Power BI, Jupyter Notebook, Linux, Git, GDB, Visual Studio, Azure ML Studio, AWS

WORK EXPERIENCE

Zoetis Inc. **Parsippany, NJ**
Data Analytics Intern *June - Aug 2018*

- Interacted with business team to produce reports using Power BI to meet their needs
- Converted raw data into fact and dimension tables to more easily use them in reports
- Analyzed data to create visuals to help internal audit team monitor employees' travel expenses
- Built and executed complex/nested SQL queries to calculate market share and growth given tables of various companies' revenues for the past five years with millions of rows of data
- Created dashboards with above data to assist business team in analyzing competition through interactive visuals enabling them to filter based on products, year, quarter, location

iDTech Camps **Old Westbury, NY**
Instructor *June - Aug 2017*

- Instructed 60 students aged 7-13 in courses in Java and Lego Mindstorm EV3 Robotics
- Designed lesson plans to teach fundamental concepts to beginners

PROJECTS

Machine Learning Recommendation Engine **Aug 2018 - present**

- Creating a recommendation engine as a final product using Azure ML Studio
- Researched various algorithms and chose kNN for the initial solution
- Currently working on obtaining training set from Seattle-based startup BigLynx

ACTIVITIES & LEADERSHIP

EntreCorps **Champaign, IL**
Consultant *Feb 2018 - present*

- Collaborated with an assigned company, along with a team of 5-6 consultants, to understand problems and help formulate solutions to best fit business needs
- Produced weekly deliverables over the course of the semester-long project
- Identified target market for an electronic pet toy startup using customer data

HackIllinois Staff **Champaign, IL**
Outreach Team Member *Oct 2017 - present*

- Coordinated with company representatives to create sponsorship plan within their budget
- Contacted and confirmed professors and open source contributors to participate in our event as judges and mentors

MISHA PATEL

misha.n.patel@gmail.com | 631 609 1696 | 306 E. Clark St, Champaign, IL 61820

EDUCATION

University of Illinois at Urbana-Champaign **May 2020**
Bachelor of Science in Computer Engineering, Minor in Business GPA: 3.1/4.0

- University Achievement Scholarship recipient
- Relevant coursework: Computer Systems Engineering, Artificial Intelligence, Big Data, Data Structures, Discrete Structures, Analog Systems Processing, Probability with Engineering Applications, Multivariable Calculus

WORK EXPERIENCE

Zoetis Inc. **Parsippany, NJ**
Data Analytics Intern *June - Aug 2018*

- Interacted with business team to understand their needs and produce reports to meet these needs
- Converted raw data into fact and dimension tables to more easily use them in reports
- Analyzed data to create visuals to help internal audit team monitor employees' travel expenses to ensure policy and procedure requirements are met
- Built and executed complex/nested SQL queries to calculate market share and growth given tables of various companies' revenues for the past five years with millions of rows of data
- Created dashboards with above data to assist business team in analyzing competition through interactive visuals enabling them to filter based on products, year, quarter, location

BigLynx **Seattle, WA**
Intern *July 2018 - present*

- Researched different machine learning algorithms to find one to use in creating a recommendation engine
- Created presentation on three possible solutions with reasoning, pros, and cons
- Used Azure ML Studio to run test datasets through proposed algorithm

iDTech Camps **Old Westbury, NY**
Instructor *June - Aug 2017*

- Instructed 60 students aged 7-13 in courses in Java and Lego Mindstorm EV3 Robotics
- Designed lesson plans to teach fundamental concepts to beginners

ACTIVITIES & LEADERSHIP

EntreCorps **Champaign, IL**
Consultant *Feb 2018 - present*

- Collaborated with an assigned company, along with a team of 5-6 consultants, to understand problems and help formulate solutions to best fit business needs
- Produced weekly deliverables over the course of the semester-long project
- Identified target market for an electronic pet toy startup using customer data

HackIllinois Staff **Champaign, IL**
Outreach Team Member *Oct 2017 - present*

- Coordinated with company representatives to create sponsorship plan within their budget
- Contacted and confirmed professors and open source contributors to participate in our event as judges and mentors

SKILLS

Languages: *Proficient:* C++, C *Intermediate:* SQL Server, Java, assembly, CSS, HTML, Javascript *Working:* Python
Technologies/Software: Power BI, Linux, Visual Studio, Azure ML Studio, Eclipse IDE

Anusha H. Kandula

kandula2@illinois.edu | (217) 904-5827 | 512 South Third St Apt. 220, Champaign, IL 61820

EDUCATION

University of Illinois at Urbana-Champaign

B.S. Computer Engineering, Class of 2020

EXPERIENCE

AceInfo Solutions Inc. *Summer 2018 | Reston, Virginia*

Software Engineering Intern

- Worked on building a data lake prototype with sample data sets from clients using Amazon Web Services such as S3 bucket, Glue, EMR, Athena, and QuickSight
- Worked on developing webpages using HTML and CSS for AceInfo as well as some of its top clients including General Services Administration and United States of Department of Agriculture

University High School Urbana *Fall 2016 | Urbana, Illinois*

Voluntary Teacher

- Taught concepts of science and engineering to high school students
- Encouraged them to join STEM fields

Women in Electrical and Computer Engineering *Fall 2018-Present | Urbana, Illinois*

Academic Director

- Organizing LeetCode Sessions that help improve your coding skills
- Organizing Office Hours for classes such as ECE 110, 120, 220 with a professor
- Managing professional development workshops
- Planning a mini-hackathon

PROJECTS

Amazon Echo *February 2018*

- built an Amazon Echo using a Raspberry Pi and Alexa Skill API

Light Following Cart *Spring 2017*

- autonomous mini car which moves in the direction of brighter light

Coin Dispenser for IEFX Expo UIUC *Fall 2016/Spring 2017*

- used CAD, Arduino, and frictional/dimensional analysis to build a portable coin dispenser which gives out the exact change that one needs

APPLICABLE SKILLS

C, Linux, C++, HTML, CSS, AWS S3 bucket/Glue/EMR,/Athena and QuickSight, MATLAB, Python, CAD : Creo for 3D designing

EXTRA-CURRICULAR

Workshop Chair, Technical Committee, Women in ECE *August 2017-May 2018*

- Work on different ECE technical projects and workshops for UIUC students
- Held a workshop on Raspberry Pi for HackIllinois 2018

SWE Mentoring Program Chair *August 2017-May 2018*

- Managing a program that creates a network between SWE undergraduates and our alumni and the corporate world

Water Desalinator for science expo at Stanford *July 2015*

- worked in a team to quickly and efficiently get distilled water from normal sea/dirty water

RELEVANT COURSEWORK

Computer Systems & Programming, Analog Signal Processing), Discrete Structures, Data Structures, Digital Systems Laboratory

Nikhil K. Parmar

Nikhil.K.Parmar@gmail.com | (408) 242-2715

EDUCATION

UNIVERSITY OF ILLINOIS
Urbana-Champaign
B.S. Electrical Engineering
Expected May 2020
College of Engineering
Dean's List - Fall 2016, Spring 2017, Fall 2017
GPA: 3.81

The Harker School
Grad. June 2016 | San Jose, CA

COURSEWORK

College
CS 225: Data Structures
ECE 313: Probability with Engineering Applications
ECE 220: Computer Systems & Programming
ECE 210: Analog Signal Processing
ECE 120: Introduction to Computing
ECE 110: Introduction to Electronics
ENG 198: Grand Challenges - Cybersecurity

SKILLS

Programming Languages
• Java • C • C++ • Python
• JESS • HTML • CSS
• JavaScript • LC-3 (Assembly)

Software
• JetBrains Suite • Microsoft Office Suite
• NPM • Eclipse • Photoshop
• Mathematica • SuperCollider
• Altium Designer

Other
• Unix/Linux • Windows Powershell
• ReactJS • Git • Subversion
• XAMPP • Scrum (Agile Development)
• Regex • NodeJS • Firebase
• AWS • MySQL • Oscilloscope
• Soldering

Languages
• English • Spanish

EXPERIENCE

VIEW INC. Summer 2018
Electrical Engineering Intern
- Validated hardware through design verification testing
- Wrote crucial firmware updates for hardware
- Developed an iOS app to pull and present data from multiple databases and over Bluetooth
- Used Python, C, NodeJS, Swift, Firebase, MySQL, and Bluetooth

FOGLOGIC INC. Summer 2017
Web Development Intern
- Aided in UI/UX design by porting a web application from JavaScript to ReactJS
- Participated in daily Scrum meetings and design sessions
- Worked with other developers on critical bug fixes in all areas of development including Frontend, Middleware, and Backend
- Used Javascript, ReactJS, and PHP

PROGRAMMING TEACHING ASSISTANT Summer 2014-16
- Assisted students in programming design strategy and implementation
- Graded and recorded assignments for 150 students on a daily basis
- Coached struggling students in topics ranging from data types to recursion to help them succeed in the course.

HARKER ROBOTICS August 2015 - May 2016 | San Jose, CA
Electrical Systems Lead
- Ensured proper function of all electronic components on the robot, including but not limited to motors, power distribution panels, sensors, and network routers.
- Led and coached team members in an understanding of electrical and pneumatic components, wire routing, and safety procedures.

PROJECTS

SOUTHWEST AUTO CHECK-IN | 2017
- Developed an application to allow a user to automatically check into their Southwest flight at a scheduled time and text the boarding pass to the user, so the user doesn't have to be at the computer to check-in
- Using Windows Powershell, Task Scheduler, and HTML

MAZE SOLVING ROBOT | 2016
Final Project for ECE 110
- Constructed and programmed a robot that utilizes ultrasonic sensors connected to an Arduino microcontroller to solve a simple maze
- Using C

EXPERT SYSTEMS: EMOTION DETECTION AI | 2016
Final Project for Expert Systems
- Developed a rule-based Artificial Intelligence to determine someone's emotions through True/False questions
- Using JESS (Java Expert Systems Shell)

EXTRACURRICULARS

2018 IEEE- Eta Kappa Nu
2016-17 iRobotics- Midwestern Robotic Design Competition
2015 Boy Scouts of America - Eagle Scout

AASHNA WADHWA

Contact

aashnaw2@illinois.edu
(732) 666-2684
27518 SE 28th Pl, Sammamish, WA, 98075
AashnaW

Skills

Languages

C++
Java
C
Assembly and Machine Language

Tools and Technologies

Git
AWS - S3, Lambda, Batch

Coursework and Interests

Relevant Coursework

Introduction to Computing, Introduction to Electronics, Systems Programming, Analog Signal Processing, Discrete Structures, Data Structures, Differential Equations Plus

Interests

Baking, Golf, Ice Skating

Education

University of Illinois, at Urbana-Champaign
Sept. 2017 - May 2021

BS Computer Engineering
Technical GPA: 3.69/4.00

Bellevue High School
Sept. 2015 - June 2017

Bellevue, WA · GPA: 3.84/4.00
Honors/Awards: National AP Scholar, Washington State Honors Award, National Honors Society, National Science Honors Society

Experience

Capital One
Champaign, IL
Software Engineering Intern
May 2018 - Aug. 2018

• Developed a proof-of-concept for AWS Batch for the loyalty rewards management team to perform large computing jobs and data processing
• Generated synthetic data and parsed it using Java
• Dockerized and uploaded the parsing code to Batch to process data in the cloud
• Triggered Lambda through file uploads to S3; used Lambda to submit jobs to Batch

HackIllinois
University of Illinois, at Urbana-Champaign
Feb. 2018

• Coded an addition to improve the PrairieLearn homework system to implement homework for ECE 120 by including various logic gates and an automatic grader
• Implemented the logic gates using Python and the P5 library in JavaScript. Implemented the grader using recursion and backtracking to test every possible combination of inputs

Women in Electrical and Computer Engineering
University of Illinois, at Urbana-Champaign
Tech Committee
Aug. 2017 - Present

• Built an Amazon Alexa on a Raspberry Pi by installing the Alexa Skills Kit
• Used the AWS IoT service to transfer data and implemented the Lambda function that processes user input and delegates actions based on which Alexa skill is called
• Sent messages from Lambda to Pi via MQTT to one of two clients. The display client was a Javascript coded website that displayed the text and images on a smart mirror based on the commands of the Alexa skill. The other client was a Python coded script that took a picture based on user request

BoilerMake
Purdue University
Sept. 2017

• Created a website that takes user input of one item of clothing and suggests other matching clothing items
• Implemented using the vector recommendation model, which assigns values to every aspect of a piece of clothing and calculates the cosine distance between two pieces of clothing to find their similarities

Society of Women Engineers
University of Illinois, at Urbana-Champaign
Fundraising Committee Chair
Aug. 2017 - Present

• Organized concession sales at university football games
• Processed payments, managed finances, and supervised setup and cleanup
• Assisted with other fundraising projects, such as bake sales and 5K runs

Cold Stone Creamery
Issaquah, WA
Crew Member and Sales Associate
Jan. 2017 - Aug. 2017

• Managed daily finances and weekly inventory for entire branch as well as oversaw opening and closing of the store
• Processed cash and credit payments for customer purchases
• Specialized in bakery decorations

COURTNEY **DUNCAN**

4848 N Sheridan Rd Apt 807 Chicago, IL 60640
775-232-5674
cduncan4@illinois.edu
https://www.linkedin.com/in/court-dunca/

EDUCATION

B.S Computer Engineering | University of Illinois Urbana-Champaign

AUG 2017 – MAY 2021

Concentration in Artificial Intelligence and Robotics and pursuing a minor in mathematics.
Technical GPA: 3.0

EXPERIENCE

Event Coordinator | SpotMe — **Chicago, IL**

MAY 2018 – PRESENT

Main responsibilities included Project Coordination: the implementation of content in to the company's apps, handling calls and coordinating logistics with clients, and creating detailed analytics reports as well as Onsite Support: Setting up IT infrastructures, facilitating live engagement through apps and communicating with key stakeholders and clients.

Teacher's Assistant | Girls Who Code — **Chicago, IL**

MAY 2016 – AUGUST 2016

Responsibilities included leading coding lectures for various languages to a classroom of 20 high school aged girls. As a Teacher's Assistant, running bonding activities and acting as a liaison between Accenture Chicago and the Girls Who Code classroom was a daily duty.

EXTRA CURRICULARS

Ambassador | Women in Engineering UIUC — **Champaign, IL**

MAY 2018 – PRESENT

Representing of the College in Engineering to help prospective students learn more about being a Woman in Engineering.

Volunteer| Engineering Outreach Society UIUC — **Champaign, IL**

AUGUST 2018 – PRESENT

Leading classrooms of elementary aged students in programs to explore the field of engineering.

Outreach Liaison| Society of Women Engineers UIUC — **Champaign, IL**

AUGUST 2017 – PRESENT

Organize and plan Outreach programs sponsored by SWE to engage young girls in STEM.

SKILLS/ COURSE WORK

- Proficient: html, CSS, JavaScript, Java, Python, LC-3, C, C++
- Familiar: MATLAB, Android Studio
- Event Planning
- Public Speaking
- Proficient in Microsoft Office

Gina Jiang

gjiang20@illinois.edu | 11012 N Hunters Trail, Dunlap, IL 61525 | (309) 370-7993

Education

University of Illinois at Urbana-Champaign (Champaign, IL) — Expected Graduation: May 2021
Bachelor of Science in Electrical Engineering — Current GPA: 3.17/4.00
Relevant Coursework: ECE 210 Analog Signal Processing, ECE 110 Intro to Electronics, ECE 120 Intro to Computing, ECE 220 Computer Systems & Programming (sp. 19), ECE 310 Digital Signal Processing (sp. 19)

Illinois Math and Science Academy (Aurora, IL) — Graduation: Jun. 2017
High School Diploma — Cumulative GPA: 3.60/4.00

Work Experience

Student Trainee Electrical Engineer — U.S. Naval Research Laboratory (Washington, DC) — Jun. 2018-Aug. 2018
- Co-authored paper, "Radio Frequency IoT Sensors in Military Operations in a Smart City", which was accepted at IEEE MILCOM 2018 Conference (presenting in October)
- Worked on software-defined radio using GNU Radio software
- Wrote python block to plot signal frequencies from USRP antennas and implemented automatic signal detection
- Enabled remote access using an HTTP server and MQTT messaging protocol

Sales Representative — Vector Marketing (Peoria, IL) — Jun. 2017-Aug. 2017
- Met prospective customers for one-on-one demonstrations to sell premium kitchen cutlery
- Strengthened explanatory and persuasive communication and speaking skills

Residential Student Leader — Illinois Math and Science Academy (Aurora, IL) — May 2016-May 2017
- Planned and executed weekly programs and social events over the course of the year for residential "wing" community of 24 girls
- Supported new underclassmen's acclimation to residential and academic life on campus, helped resolve personal conflicts among peers, designed living area decorations and themes

Research Experience

Researcher — Illinois Math and Science Academy (Aurora, IL) — Jun. 2016-Apr. 2017
- Co-authored paper, "Designing a Low-Cost Mobile Tracking System for Communication with a Medium Earth Orbit Satellite," which was accepted at IEEE MILCOM 2017 conference
- Developed tracking system to be used in maritime mobile satellite communication for company Intelligent Designs, LLC, via IMSA's student research program
- Designed, built, and tested multi-GPS solution (alongside time differential solution) during a week-long trip to Brewster, WA, at the U.S. Electrodynamics, Inc. facility
- Presented at student conference in the spring

Researcher — University of Illinois at Chicago (Chicago, IL) — Aug. 2015-Apr. 2016
- Co-authored paper, "Structural Insights into the Function of Microtubules and Microtubule-Associated Proteins," which was published in UIC Bioengineering Student Journal Spring 2017 edition
- Investigated how the structure of protein tubulin in microtubules affects its relationship with microtubule-associated proteins, via IMSA's student research program
- Conducted a literature review of recent findings and utilized visualization software Chimera
- Summarized project in research paper and presented at a student conference in the spring

Skills

- Programming: Python, Java, HTML, MATLAB, C/C++
- Familiar with Arduino, GNU Radio, Chimera
- Lab: oscilloscope, multimeter, soldering
- Languages: Mandarin Chinese, French

Activities & Awards

Scholarships
- Electrical and Computer Engineering Excellence Scholarship — 2017-2021
- Engineering Freshman Scholarship — 2017-2018
- Texas Instrument STEM STAR Scholarship — 2017-2018

Event Director — ImagiNation Dance Crew — Sept. 2017-present
- Coordinating and organizing dance performances, team bonding events, and fundraisers

Member — Covenant Fellowship Church — Aug. 2017-present

SHARON S. **TANG**

sstang3@illinois.edu
sstang3.web.engr.illinois.edu

EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
Expected Dec 2018

MASTER OF SCIENCE
Electrical and Computer Engineering

GPA 3.94/4.00
With Thesis

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
May 2016

BACHELOR OF SCIENCE
Computer Engineering

GPA 3.91/4.00
With High Honors

EXPERIENCE

DEPEND GROUP
Urbana IL
Jan 2018 - present

RESEARCH ASSISTANT

- Collaborating with the National Center for Supercomputing Applications and Sandia National Laboratories to characterize the resiliency of petascale high performance computing systems under the presence of hardware faults

MICROSOFT
Redmond WA
May 2018 - Aug 2018
May 2017 - Aug 2017

SOFTWARE ENGINEER INTERN (X2)

- Developed on a Windows Kernel platform team focused on the security, reliability, and performance of the hardware abstraction layer
- Improved throughput performance of Direct Memory Access by 20% through research, design, and implementation of data-driven solutions
- Volunteered on an Intern Leadership Team to help expand the Intern Lunch & Learn Program to cover 150+ executive lunches for over 1500+ interns
- Performed data analysis (Scope, C#) and leveraged D3.js to build a data visualization flow as a Universal Store service to qualify and verify Azure data migration

CAPITAL ONE
Tysons Corner VA
Jun 2016 - Aug 2016
Jun 2015 - Aug 2015

SOFTWARE ENGINEER INTERN (X2)

- Collaborated on a cross-functional R&D team of designers, industrial engineers, and software developers to build an experimental credit card
- Led the initiative to design and develop a 3D card customization experience (AngularJS and WebGL)
- Created a PUT/POST request validator and error reporter for C1's externally-facing hackathon API

TEACHING

ECE 199/120 MERIT
Urbana IL
Fall 2018

GRADUATE TEACHING ASSISTANT

- Leading the Merit section of an Introduction to Computing course, aimed at fostering an academic support community of high performing, underrepresented students

ECE 391
Urbana IL
Spring 2017, Fall 2017

HEAD TEACHING ASSISTANT (X2)

- Taught **operating systems** concepts in weekly discussions and provided guidance to 220 students through their machine problems and OS projects
- De facto in charge of running the course and managing a cohort of 5 graduate and 20 undergraduate TAs through designing and grading course materials

AWARDS

2017-2018 List of Teachers Ranked as Excellent By Their Students (x3)
2017 James M. Henderson Fellowship
2016 Timothy N. Trick Leadership Award
2015 Oakley Award in ECE
2014 Henry O. Koehler Merit Scholarship
2013 Engineering Council Committee Member of the Month
2012 Yahoo! Yodel Your Thoughts Scholarship
2012 University Achievement Scholarship

VATSALA VERMA

1012 W Illinois Street, Urbana, IL 61801 ● r.vatsalaverma@gmail.com ● 217-530-7952 ● www.linkedin.com/in/vatsala1

EDUCATION

University of Illinois at Urbana-Champaign Expected Graduation: May 2021
Bachelor of Science, Computer Engineering Cumulative GPA: **3.95**/4.00

Related Coursework

CS 225 (Data Structures)
CS 173 (Discrete Structures)
ECE 220 (Computer Systems and Programming)
ECE 120 (Introduction to Computing)

TECHNICAL EXPERIENCE

Walk-In Lights January 2018-December 2018

- Designed and created a lighting system using Arduino, Python and MATLAB. The system turns the lights on/off depending on the room's occupancy and dims the lights depending on the amount of natural light entering the room

Automated Obstacle Avoiding Vehicle January 2018-December 2018

- Designed and built a vehicle that changes its path depending on the obstacles in its path using Arduino UNO and photocells. The obstacles are detected based on the change in the intensity of the ambient light

LEADERSHIP AND ACTIVITIES

Electrical and Computer Engineering Student Advancement Committee (ECE SAC) *Urbana, IL*
Sophomore Representative August 2018-Present

- Maintained transparency between students and administration by conveying student's concerns to departmental administration and organizing informational and recreational events for students
- Lead tours of the ECE Building to our corporate partners and alumni

Women in Electrical and Computer Engineering (WECE) *Urbana, IL*
Lead for Mentorship Program and Lean-In Sessions February 2018-Present

- Created a Mentorship Committee highlighting the impact of women in ECE and the significance of their experience cultivated through Lean-In sessions
- Encouraged and motivated women in Electrical and Computer Engineering by organizing Lean-In Sessions bi-monthly
- Provided mentorship to undergraduate women in the ECE department, to help them succeed at their academic and professional endeavors, by pairing them with graduate students

TECHNICAL SKILLS

Languages: C, C++, Java, Python, Clojure, HTML, CSS
Operating Systems: Linux, MS Windows
Applications: MATLAB, MySQL, Arduino, MS Office

HONORS AND AWARDS

James Scholar January 2018-Present

- Honors program at the University of Illinois at Urbana-Champaign awarded to students with a GPA above 3.50

Dean's List Nominee (Spring 2018, Fall 2017)

- Honor awarded to the top 20% students in the College of Engineering at the University of Illinois at Urbana-Champaign

John Deere Foundation Scholarship February 2018

- Awarded to 5 out of 200 freshmen in the Electrical and Computer Engineering Department of The University of Illinois for outstanding academic performance

ALISON SHIKADA

San Jose, CA • (408) 802-0480 • shikada2@illinois.edu • www.linkedin.com/in/alisonshikada

EDUCATION

UNIVERSITY OF ILLINOIS — Urbana-Champaign, IL

Bachelor of Science in Computer Engineering — Expected Graduation Date: December 2020

Relevant coursework: Computer Systems and Programming (*ECE 220*), Discrete Structures (*CS 173*)
Currently enrolled in: Data Structures (*CS 225*), Analog Signal Processing (*ECE 210*)

COMPUTER LANGUAGES

Java, C, LC-3 (assembly language) *Familiarity with*: C++

EXPERIENCE

FACEBOOK — Seattle, WA

Software Engineering Intern, FBU — Summer 2018

- Trained in Android coding through CodePath curriculum for 3 weeks; weekly individual projects
- Conceptualized "Anti-Social Media" Android app in 4 weeks with team comprised of 3 interns and 1 manager
- Developed posting function, including sending, saving, and displaying post, and commenting function, with an added need of pointer to post
- Designed gradients, CardViews, title logo, group manager layout, and app theme in Android Studio
- Wrote and delivered a 2 minute demo to full time Software Engineering Managers at Facebook

CITY OF SANTA CLARA FINANCE DEPARTMENT — Santa Clara, CA

Intern — Summer 2017, 2018

- Compiled and analyzed workers' compensation discrepancies for fiscal year 2015-16 & 2016-17 on Excel
- Reconciled city wire transfers on a daily basis; required 3 excel sheets and 2 daily banking statements

CLASS PROJECTS

MP 9 ~ ECE 220 (C Programming Language)

- Tasked to create, destroy, print, and solve a given maze using C programming language
- In creating a maze, allocated appropriate space for memory and constructed a 2D array with given dimensions
- Solved maze using backtracking (recursion), and destroyed maze through freeing memory

Lab 14 ~ ECE 120 (LC-3 Assembly Language)

- Given a random word, two random characters, and a database to form each character in the word
- Instructed to create that word using only the two characters (one character inside word and one outside)
- Drew flowchart to strategize higher-level approach to problem, flowchart was not required for grade

LEADERSHIP

ALPHA OMICRON PI FRATERNITY — Urbana, IL

Assistant Treasurer — 2016 - 2017

- Transferred all money between the sorority account and individual committees/officers
- Communicated current budget breakdown between treasurer and advisors on a biweekly basis

ACTIVITIES

Alpha Omicron Pi Fraternity: Iota Chapter	2016 – current
Asian American Association, University of Illinois: Urbana-Champaign	2016 – current
Society of Women Engineers, University of Illinois: Urbana-Champaign	2016 – current
ImagiNation Dance Crew	2018 – current
CHAARG Fitness Club, University of Illinois: Urbana-Champaign	2017 – 2018
Mathematics Peer Tutor, Presentation High School	2012 – 2016
Buddhist Studies 4th Grade Sunday School Teacher	2014 – 2016
Nicaragua Social Justice Immersion Trip	Summer 2015

Richa Vijayvergiya

(585)-260-9359 | 505 S. Fourth St. Apt. 205 Champaign, IL, 61820| vijayve2@illinois.edu

Education

University of Illinois at Urbana-Champaign Class of 2020
Bachelor of Science, Electrical Engineering GPA: 3.12/4.0
French Minor

Work Experience

Engineering Intern at Echoworks (a Y-Combinator startup) *June 2018*
Designed their website, created a chat bot using node.js and AWS, and managed social media

Researcher, Grainger CEME *August 2016*
Worked with graduate students and professors on **power and energy** related topics (i.e. electric motors, power grid, solar panels, etc.)

Shadowee, for Amped I LLC *January 2016*
Job shadowed an employee of an electrical engineering firm, Amped I LLC
Learned how to read schematics to connect large power sources to power grids

Peer Advisor, International Programs in Engineering *Present*
Advising students for studying abroad through the college of engineering
Managing 200 international students and students that came back from study abroad

Leadership and Activities

Women in Electrical and Computer Engineering, *Mentorship Director*
Manage chairs that create events and workshops to foster a supportive community in the ECE Department
Pioneered a peer mentorship program and a graduate student presentation series

Society of Women Engineers, Professional Liaison Committee, *Professional Relations Chair*
Collaborating with professionals in the area to encourage networking for undergraduate students

Power and Energy Conference at Illinois, Publicity Committee, *Undergraduate Representative*
Organizing a conference run by graduate students for power and energy topics

Women in Electrical and Computer Engineering, *Lean In Co-Chair*
Arranged Lean Ins to create a supportive community in the ECE Department

Illinois in Paris Program, Institut Catholique de Paris
Volunteered for 30 hours with various NGOs, immersed in French culture for improving fluency, to be applied in future career prospects

Around the World Program, Kyushu University
Studied in Japan for the first time, learned Japanese, and participated in a homestay

Projects

Solar Panel Installation
Initiated installing solar panels at a local community garden

Electric Racecar
Soldered electric boards, manufactured a gas pedal, welded a chassis for Illini Formula Electric

Vending Machine with FSMs
Programmed in LC-3 assembly language to create an FSM that emulated a coin-operated vending machine

Miniature Car
Programmed an Arduino to control a miniature car in conjunction with light-sensors used to detect a path

AM Superheterodyne Receiver
Built a receiver using op-amp amplifiers to filter different radio frequencies

Arcade Game on FPGA
System-on-Chip design to create an arcade game using SystemVerilog

Skills

- Programming: assembly language (LC-3), SystemVerilog HDL, HTML, CSS, beginner in node.js and AWS
- Lab safety, lab equipment, machine shop and hand-tool training (band saw, welding, soldering, drills, etc.)
- Spoken Languages: Hindi, English, French

Richa Vijayvergiya

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French Minor

Work Experience

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- Spoken Languages: Hindi, English, French

SIMRAN P. PATIL

(217) 819-0982 | sppatil2@illinois.edu | LinkedIn: simranpatil | github: SimranPPatil

EDUCATION

University of Illinois at Urbana-Champaign **May 2020**
Master of Science in Computer Engineering | Distributed Systems and Security
University of Illinois at Urbana-Champaign **May 2018**
Bachelor of Science in Computer Engineering | TEC's Innovation Certificate Program | James Scholar **GPA: 3.72/4.0**
Relevant Coursework:
Distributed Systems, Operating Systems, Security, Communication Networks, Applied Parallel Programming, Data Structures and Algorithms, Power Electronics, High Tech Venture Marketing, Virtual Reality, Digital Systems Lab, Probability and Statistics, Microeconomics
Technical Skills:
Proficient with: C, C++, x86 Assembly, Arduino IDE, HTML, CSS, Unity 3D, SystemVerilog, Python
Familiar with: MATLAB, Octave, Eagle Software, Mentor Graphics, C#, WebGL

EXPERIENCE

Amazon Fall 2018
Firmware Engineering Intern, Amazon Go Team
- Research and development of new iteration of a technology for the Amazon Go store

Facebook Summer 2017
Technical Program Manager, Hardware Storage Intern
- Managed a hardware retrofit project in Facebook data centers that doubled capacity for iOS and Android mobile development
- Planned roadmap for next generation mobile development platform
- Conducted and documented research on storage fabric technologies for storage and compute disaggregation

University of Illinois at Urbana-Champaign | MOBIUS Spring 2017
Undergraduate Researcher under Prof. Robin Kravets
- Programmed BLE wireless tag for proximity detection and studied RSSI values under different orientation settings to analyze location

University of Pennsylvania - WeissLabs Summer 2016
Engineering Intern, Root Technologies LLC (Internet of Things and Green Tech Industry)
- Programmed ESP8266 Microcontroller to have LED Feedback and Hardware reset for easier user functionality
- Automated process of WiFi connectivity on firmware end contributing to server-microcontroller communication setup
- Designed PCB Schematics using Eagle Software for an optimized energy and space efficient design and researched SMDs

University of Illinois at Urbana-Champaign Spring 2015 – Spring 2018
Teaching Assistant, Visio Schematics Designer for ECE 110
- Designed circuit schematics using Microsoft Visio in collaboration with Study Blue software to formulate questions
- Held Office hours and tutoring sessions to elaborate on fundamental concepts of Electronics and Electrical Engineering

RELEVANT PROJECTS

Honey Nose – Refrigerator Food Contamination Detection System Spring 2018
- Designed and engineered a food contamination detection system utilizing CO_2 and alcohol sensors based on experimental thresholds
- Established Bluetooth communication between sensing unit and display unit catering notification and acknowledgement
- Designed the PCB, programmed the system to build functional distributed firmware nodes and built the casing for an aesthetic product

Distributed Graph Processing and File System Fall 2017
- Implemented a Chord like virtual ring with membership list gossiping, on-demand system joins with **f**ailure detection using heart-beating
- Distributed File system implementation with functionality to put, get and store files along with a distributed grep application
- Graph Processing with Pregel inspired design and dynamically loading libraries for client side usability and interface

Rubik's Cube Solver – FPGA and System on Chip Spring 2017
- TRDB-DC2 Camera along with Altera Cyclone IV board for Color detection in System Verilog
- Hardware Software Communication and VGA display in System Verilog with software simulation of Fridrich's algorithm in C

MazeOS – Systems Engineering Fall 2016
- Programmed and designed x86 based operating system and development of Linux kernel
- Implemented device drivers, system call interface, virtual memory management, scheduling and context switching

ACTIVITIES, HONORS AND LEADERSHIP

- A.R. "Buck" Knight Award for leadership and scholarship beyond the College of Engineering Spring 2018
- Recruiting Chair, College of Engineering's Engineering Ambassadors Fall 2017
- Founders – Illinois Entrepreneurs | 54.io Co-Director Fall 2016

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ECE 110 (Introduction to Electronics)

TECHNICAL EXPERIENCE

Undergraduate Research Assistant (PURE Program) September 2018-Present

- Wrote parameterized unit test for Automatic Test Generator
- Instrumented programs at the source code/ byte code level
- Evaluated the effectiveness of prototype and collected data

Walk-In Lights January 2018-December 2018

- Designed and created a lighting system using Arduino, Python and MATLAB. The system turns the lights on/off depending on the room's occupancy and dims the lights depending on the amount of natural light entering the room

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HONORS AND AWARDS

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EUGENIA CHEN

Computer Science | May 2020

eyc3@illinois.edu (319) 621-0937 Polarpi https://polarpi.github.io/

education

Iowa City West High School
Class of 2017 | GPA: 4.0/4
Best in Class, Academic All State and valedictorian

University of Illinois at Urbana - Champaign
BS in Computer Science
Graduation Spring of 2020
planning MS in CS graduation 2021
sophomore with junior standing
James Scholar
Deans List

skills

Java
C++
C
HTML/CSS
Javascript
Typescript
Angular 6
Android Studio
Adobe Illustrator, Photoshop & InDesign

classes

Past
CS 125 | Intro to CS
CS 126 | Software Design Studio
CS 173 | Discrete Structures
CS 225 | Data Structures

Current
CS 233 | Computer Architecture
CS 241 | System Programming
CS 210 | Ethical & Professional Issues
STAT 400 | Statistics and Probability

activities

Infrastructure Director for Women in Electrical and Computer Engineering 2018-current
- promote and support women in ECE socially, academically, technically, and emotionally
- head of the Infrastructure Committee meeting once a week to work on coding projects
- projects include: organization website, weekly newsletters, management/login system, point management system

Assistant Creative Director for Women in Electrical and Computer Engineering 2017-18
- create promotional material for WECE and other STEM related events
- lead marketing strategy

Women in Tech Day 2018
- member of board to lead and oversee first ever Women in Tech Day at the University of Illinois
- create and manage promotional and marketing content

ThinkChicago Conference 2017 2017
- selected participant in national entrepreneurship conference in Chicago
- network with startups and major tech companies
- learn about technological innovation in Chicago

Engineering Outreach Society 2017
- work with 3rd graders at Leal elementary once a week
- get students involved with STEM at an early age through exciting science projects

Volunteer for Engineering Events 2017-current
- volunteer with Society of Women Engineers, Women in Computer Science, and Women in Electrical and Computer Engineering
- promote engineering to high school students through workshops and other events

experience

Software Engineering Internship at Capital One summer 2018
- worked on full stack web development
- technologies used: Angular 6, HTML, SCSS, Typescript, D3, PostgreSQL, Express

Course Assistant for Introduction to Computer Science 2018
- held weekly office hours and led a lab section teaching students the fundamentals of CS using Java

Hackathons
- Pyghack 2017, hackMIT 2018

FIRST Robotics Competition Team Leader 2014-17
- led FRC Team 167 as the Team Leader, Outreach Coordinator, and Media Head
- spoke at ACT Annual Meeting for a "Vision for the Future"
- corporate connections with Rockwell Collins, Iowa Fluid Power, and more

Junior Bots Summer Camp 2016-17
- founder and counselor for robotics and programming summer camp for elementary and middle school students

projects

EmergenSee 2018
- an Android application developed at hackMIT 2018 using Android Studio
- tech stack: Java, SQLite, GoogleMaps API, IBM The Weather Company API, shelter coordinates scraped from The Red Cross
- alerts the user of storms in current area and routes to nearest shelter or contact in a safe location; user can import trusted contacts and addresses

Web Application for Capital One 2018
- enterprise application for Capital One employees; worked on front and back-end; pushed to deployment from beginning to end in 3 months
- tech stack: Angular 6, HTML, SCSS, Typescript, D3, PostgreSQL, Express

Women in Electrical and Computer Engineering Website 2018
- website coded from scratch for college student organization
- tech stack: HTML, CSS, Javascript

Super Totoro Buddies 2018
- a single-player platformer game developed in C++ using the OpenFrameworks platform
- application using keyboard arrow key inputs; jump onto moving platforms and collect items to move to the next level; hard-coded and semi-randomly generated levels

MoviePool 2017
- a web application developed at the Pyghack hackathon
- tech stack: HTML, CSS, Javascript, PHP, GoogleMaps API, movies scraped from Fandango
- allows students to carpool together to movies

Pixo prize for UI/UX

Mega Tic-Tac-Toe 2017
- two-player variation of tic-tac-toe Java applet
- nine games of tic-tac-toe in one
- UI using Java Graphics class

XUQING(CINDY) SUN

402 S Six Street 61820 || Champaign, Illinois || 217-721-7517 || xsun63@illinois.edu

EDUCATION

University of Illinois Urbana-Champaign, IL
Bachelor in Computer Engineering, May 2019 GPA: 3.83/4.0
Study Abroad at KTH Royal Institute of Technology in Stockholm, Spring 2018

Related Coursework

Computer Systems Engineering	Introduction to Artificial Intelligence	Machine Learning
Computer Graphics and Interaction	Internetworking	Data Structures

PROJECT HIGHLIGHTS

University of Illinois Urbana-Champaign, IL
Research on Computer music project DISSCO June 2018 - Present

- Research on the intersection of art and computer science , allowing users to produce customized music
- Fixed bugs and developed new features for the project's graphic user interface written in C using GTK library
- Analyzed acoustic features of whispers and designed structure to realize whispered mode of synthesized music

University of Illinois Urbana-Champaign, IL
Tower defense game based on FPGA Spring 2017

- Cooperated with teammate to build a simple tower defense game almost from scratch using SystemVerilog
- Built system on chip with USB keyboard input and VGA interface, several layers of display allows more effects

Postal Savings Bank of China Beijing, China
Internship in software development center Summer 2017

- Joined a team to develop a C development platform based on Tuxedo (a middleware)
- Researched and self-taught Tuxedo commands and PROC SQL from learning materials and existing code to implement new functions
- Drafted part of the functions dealing with server-to-client connection in end-of-day settlements

LEADERSHIP & ACTIVITIES

University of Illinois Urbana-Champaign, IL
Undergrad TA for Digital Systems Laboratory Fall 2017

- Host open lab sessions and explain to students concepts and specific requirements related to the labs
- Help students find and solve the problems in their labs, including helping them to debug their code (in SystemVerilog and C)
- Enhanced problem solving skills during the process of facing all sorts of unfamiliar errors

University of Illinois Urbana-Champaign, IL
Illini Solar Car Fall 2016

- Worked as a team to build and test power distribution devices for a solar car
- Used C++ to build up a control system initializing power distribution when the system starts

SKILLS

Computer: C, C++, Python, SystemVerilog, Tuxedo, Sql
Language: native Chinese; fluent English

Ibrahim Odeh

(708) 963-9111 | irodeh2@illinois.edu

Education

University of Illinois Urbana-Champaign **Anticipated Graduation: May 2019**

- Bachelor of Science in Electrical Engineering
- Cumulative GPA: 3.39/4.00

Relevant Courses

ECE 452: Electromagnetic Fields	ECE 453: Wireless Communication Systems	ECE 486: Control Systems
ECE 402: Electronic Music Synthesis	ECE 391: Computer Systems Engineering	ECE 482: Digital IC Design

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Relevant Skills

Programming Languages/Software

C, C++, MATLAB, Python, x86 Assembly, SystemVerilog, EagleCad, PSPICE, Simulink, AutoCAD

Hardware

FPGA, DSA, Oscilloscope, Network Analyzer, Arduino, Function Generator, Multimeter, Soldering Iron

Technical Writing

- Wrote EWB documentation to portray to EWB the progress made on the project to receive funding
- Wrote UTC failure mode analysis updates to adhere to corporate standards

---

Experience

UTC Aerospace Systems Intern **May 2017-August 2017**

Reliability, Maintenance, and Safety Engineer **Rockford, IL**

- Wrote and updated failure mode analysis databases for various modules of airplane systems
- Interfaced with engineers of different departments to analyze circuitry and ensure accuracy of failure mode description

SatDev **Jan 2018 - Present**

Satellite Development Student Organization **Champaign, IL**

- Designing, verifying, and testing control software in C and embedded C for scientific experiment components on CubeSat experiment vessels to be launched into orbit
- Interfacing with digital hardware to verify system functionality of the satellite stack over ssh and serial communication protocols
- Characterizing and modifying circuitry for out-of-box radio to adhere to the standards of satdev software protocols and system requirements using GNU radio software and network analyzer

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Projects

MOS 6502 Microprocessor Emulator

Currently programming an emulator in C for the MOS 6502 microprocessor to parse instructions in ROM and perform the instructions on a given address space

AC to DC Converter

Designed a diode rectifier, a low-pass filter, and a diode voltage regulator using SPICE software and assembled a circuit to convert an AC input to a DC input of the desired magnitude

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Academic Activities

IEEE TAG-Circuits **September 2016-May 2017**

Electronic Circuits Projects Committee **Champaign, IL**

Designed a circuit to be displayed during Engineering Open House to incite interest in electrical engineering in younger students

Saidivya Ashok

Address: 1012 W Illinois St, IL-61801
LinkedIn : saidivyaashok
Telephone: 217-819-8069|Email: sashok3@illinois.edu

Education

University of Illinois at Urbana-Champaign **May 2021**
Bachelor of Science in Computer Engineering **GPA 3.92/4.00**
James Scholar Honors Program
Dean's List (Fall 2017, Spring 2018)
Relevant Coursework:
Computer Systems and Programming
Discrete Structures
Data Structures

Technical Skills

Proficient in: Python, C, C++, HTML, CSS, JavaScript, Arduino IDE, LaTeX
Familiar with: MATLAB

Projects

Walk-In Lights **Jan 2018 – May 2018**

- Designed and engineered an automatic lighting system that turned ON or OFF based on motion in the room and incident light
- Programmed the system using Arduino to simultaneously use data from the phototransistor, motion sensor and QRD1114 sensor

Experience

University of Illinois at Urbana-Champaign **Aug 2018 - Present**
Grader, ECE 120

- Grade weekly homework assignments, midterms and finals

Activities

Women in Engineering **Aug 2018 -Present**
Ambassador

- Interact with incoming engineering students to answer their queries and get them accustomed to the College of Engineering.

Engineering Ambassadors **Jan 2018 - Present**
Ambassador

- Visit schools to eliminate the stigma associated with STEM and cultivate interest among children to pursue a career in STEM

ECE PULSE
Corporate Committee Staff **Aug 2017 – Present**

- Act as a point of contact between PULSE and its sponsors

Sarah Kolak

1613 Kirby Court, Naperville, IL 60563 | (630) 699–3902 | sarahkolak@yahoo.com

Education

University of Illinois at Urbana-Champaign May 2020

Bachelors of Science Degree in Electrical Engineering GPA: 3.16/4.00

Relevant Coursework

- Fields and Waves I
- Digital Systems Laboratory
- Computer Systems & Programming
- Making Sense of Big Data
- Analog Signal Processing
- Project Lead The Way- Digital Electronics
- Power Circuits and Electromechanics

Skills

- C
- C++
- Java
- Python
- HTML
- LC-3 assembly
- SystemVerilog
- SQL
- RAML
- XML
- APIs
- MySQL/ Oracle Databases
- Angular
- MuleSoft
- Maven
- Matlab
- Twilio
- ActiveMQ
- Quartus
- NI Multisim
- Autodesk Inventor
- Autodesk Revit
- Volt-Ohm Meter
- Oscilloscope
- Function Generator
- Arduino
- Raspberry Pi
- FPGA
- Circuit Design
- Soldering
- Git
- Linux Desktop
- Design Documentation
- Agile Methodology
- Basic Spanish

Work Experience

Panduit Tinley Park, IL

IT Applications Intern May 2018 – August 2018

- Worked on a team to develop a Learning Management System application to be used by internal support customers
- Performed SLA testing for At Your Service
- Programmed an IoT device to simplify the order placement process for internal staff with push button ordering
- Developed the front end of a login page for authorized users to access a License Management System
- Participated in Agile Scrum ceremonies: daily stand-up, story grooming, sprint planning and sprint retrospective

Target Stores Warrenville, IL

Guest Service Team Member – Cashier and Service Desk June 2017 – January 2018

- Resolved any concerns from guests in a positive manner to provide excellent customer service
- Managed/processed refunds and returns

Self Employed Naperville, IL

Pet Care, Lawn Care, Snow Removal, House Care August 2012 – January 2018

Academic Projects

Simple Computer SLC-3 Spring 2018

Designed a simple microprocessor using SystemVerilog

- Designed the central processing unit, memory, and input/output interface

Logic Processor Spring 2018

Designed and built a bit-serial logic operation processor

- Utilized various components such as shift registers and multiplexers

AM Radio Receiver Fall 2017

Built a superheterodyne AM receiver

- Used antenna, RF amplifier, frequency mixer, and other electrical components

Additional Activities

Institute of Electrical and Electronics Engineers August 2017 – Present

National Member

Women in Electrical and Computer Engineering August 2017 – Present

Member

Marching Illini August 2016 – May 2018

Trumpet Section Member

References Available Upon Request

SHAYNA KAPADIA

shaynahkapadia@gmail.com

(510)-674-6558

303 S. Wright St Apt. 23
Champaign, IL 61820

LEADERSHIP

Pulse Conference
Co-Director
March 2018 - Present
Work with co-director to manage board of directors
Create collaborative environment for team
Manage time efficiently to ensure all parts of the conference run smoothly

High School Co-Director
April 2017 – March 2018
Handle all logistical elements of planning the all-day high school outreach event

ECE Student Advancement Committee
Public Image
Sept 2016 – Present
Work with team to effectively advertise events for committee

ACM - Cybersecurity Interest Group
Active Member
Weekly meetings to learn new aspects of the field

SKILLS

Languages: C, C++ , LC-3 Assembly, Python
Software: Autodesk Inventor, Adobe InDesign, Photoshop, Illustrator, MatLab, Microsoft Office
Soft Skills: Leadership, Organization, Collaborative Problem Solving, Teamwork, Conflict Resolution

EDUCATION

University of Illinois at Urbana Champaign
Computer Engineering B.S.
May 2020
GPA: 3.43

Relevant Courses: Data Structures, Discrete Structures, Information Assurance, Computer Systems and Programming, Analog and Digital Signal Processing
Current Courses: Computer Systems Engineering, Digital Forensics, Probability with Eng. Applications

EXPERIENCE

Cyber Threat Alliance
Membership and Programs Intern
May 2018 - Aug 2018
Conduct an in-depth industry analysis on the cybersecurity industry to drive strategic planning for membership recruitment
Work with and learn from industry professionals about current issues in the cybersecurity field

Daily Byte
Barista
Feb 2018 - Present
Build and maintain customer service skills while working efficiently in high stress situations

University of Illinois at Urbana Champaign
ECE 110 Course Aide
Jan 2017 - May 2017
Applied knowledge of circuitry to assist students with labs
Think of creative ways to explain concepts for ease of understanding

CU Adventures in Time and Space
Programming Intern
Dec 2016 – May 2017
Set up open source Raspberry Pi project to repurpose Harry Potter wands using OpenCV

PROJECTS

Frequency Controlled LED Lights
ECE 110 Final Project
Arduino-Powered circuit to sync pulse, frequency, and color of light with music

AWARDS

John Deere Women in Engineering Scholarship

Tamara Nelson-Fromm

tln2@illinois.edu

contact

Website tamaraniac.com

Email tln2@illinois.edu

Address 206 Wheeler St. S
Saint Paul, MN 55105

Phone 651-434-8738

LinkedIn /tamaralnf

GitHub /tamaralnf

skills

- Java ●●●●●
- JavaScript ●●●●○
- C++ ●●●●●
- HTML/CSS ●●●○○
- Python ●●○○○
- Swift ●●○○○
- Android Development ●○○○○
- WordPress ●●●○○
- Adobe Creative Suite
  - Photoshop, Lightroom, Premiere Pro
- Microsoft Office
  - Word, Excel
- Spanish (Fluent)

relevant coursework

Data Structures
Software Design Studio
Computer Architecture
Interactive Computer Graphics
User Interface Design

education

University of Illinois at Urbana-Champaign

Expected May 2020 | GPA: 3.6/4.0
Bachelor of Computer Science with a Minor in Media and Cinema Studies

experience

Engineering Learning Assistant

University of Illinois at Urbana-Champaign, College of Engineering
May 2018 – Present | Urbana, IL

- Teach a class of 10 - 20 freshman students
- Mentor new College of Engineering undergrads during their first semester
- Collect and grade assignments, including essays and sample resumes

Lead Instructor, iDTech Camps

May 2018 – August 2018 | St Paul, MN

- Instruct 8 – 10 preteens in basic coding concepts and practices
- Develop new activities, lessons, and curriculum
- Communicate to parents about camp activities and management

Engineering Student Tour Representative

University of Illinois at Urbana-Champaign, College of Engineering
January 2018 – Present | Urbana, IL

- Lead tours of 10 – 30 guests around the University of Illinois engineering campus
- Maintain a friendly and inviting visit experience
- Answer questions from prospective / admitted students and their parents

involvement

Head of Tech Team, Women in Computer Science

May 2018 – Present | Urbana, IL

- Teach workshops about useful and emerging technology to Freshman and Sophomores in CS
- Organize the annual Women in CS hackathon
- Manage the Women in CS exhibit at the university's annual Engineering Open House

Student Advisor, Engineering Undeclared Student Council

January 2018 – Present | Urbana, IL

- Create and implement exploratory programs for undeclared students
- Inform College Deans and Advisors on what might be most helpful for students
- Hold office hours in order to advise students on coursework and extracurriculars

Alpha Omega Epsilon Engineering Sorority

January 2017 – Present | Urbana, IL

- Fall 2017 Scholarship Chair
- Spring 2018 Historian

awards

2018 Society of Women Engineers & Northrop Grumann Scholarship Recipient
2018 & 2019 Rewriting the Code Fellow

XINYI GUO

311E Clark St, Apt 303 | Champaign, IL 61820| 217-979-6053 | xinyig2@illinois.edu

EDUCATION

University of Illinois at Urbana-Champaign — May 2020
Bachelor of Science in Computer Engineering, *Minor in Psychology* — GPA: 3.91/4.00

RESEARCH

Peekaboo – applying head gesture recognition algorithm on HoloLens, *National Taiwan University* **July 2018 – August 2018**

- Collaborated with 6 people project team for preliminary by reading research papers and reports in topics of HCI with HMDs
- Enhanced algorithm understanding by designing user study one algorithm and improved coding and debugging skills by implementing the codes
- Conducted the first study with 16 volunteers and analyzed data collected to generate visualized result, giving the second study appropriate user-friendly screen design

DNN architecture attack and defense, *University of Illinois at Urbana-Champaign* **August 2018 – Present**

- Gained more insight on relationship between cybersecurity and computer architecture by reading papers and self-enrolling in security classes
- Cooperated with 2 lab-mates on preliminary studies and prepared knowledge for practical side channel attack and defense

INTERNSHIP

Security Intern at National Center for Supercomputer Applications **May 2018 – Present**

- Monitored network security and evaluated severity level based on Qualys report and CVE to create corresponding tickets
- Enhanced security knowledge and improved problem-solving skills by collaborating with mentors to resolve practical security issues with other departments, such as detecting open port accessibility left by ended employment employee
- Expanded coding ability, such as deploying APIs from third sources and manipulation of massive data, by developing programs that detects suspicious login based on geolocation

Engineering Learning Assistant **August 2018 - Present**

- Led Engineering 100 classes for 13 students with various topics including ethics for ECE freshman
- Boosted communication skills by delivering information and clarifying confusions
- Improved time management skills by managing class preparation time within personal schedule

ACTIVITIES / LEADERSHIP EXPERIENCE

Eta Kappa Nu (HKN) Honor Society **Member** **January 2018 – Present**

- Assisted and prepared for peer review session for ECE110 and ECE120 for 100 students during exam weeks
- Directed regular office hours with other members and initiates to solve questions of students
- Reached out to Boys and Girls club in Champaign and instructed students on building speakers

Engineering Outreach Society **Volunteer** **January 2018 – Present**

- Directed elementary school students to build projects for Engineering Open House (EOH) in March 2018
- Organized experiments that explained scientific about reasonable design choices to educate students
- Led students with physical building process and collaborated with teammates to test projects

Women in ECE (WECE) **Member** **October 2017 – Present**

- Improved coding and designing skills with microcontroller (Raspberry Pi) by building 'Alexis Mirror' with tech team
- Motivated to create and build 'Hand Gesture Controller' project with 4 teammates and enhanced knowledge of accelerators
- Participated in workshops co-hosted by companies to gain first-hand real-world experience about technology

SKILLS / RELEVANT COURSES

- Programming languages: C / C++ / C# / Python
- Relevant coursework: Operating System / Data Structure / Computer Security / Digital Signal Processing / Embedded System
- Relevant projects: Hand Gesture Controlled LED display/ experience with MCUs(Raspberry Pi, Arduino)

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- Participated in workshops co-hosted by companies to gain first-hand real-world experience about technology

SKILLS / RELEVANT COURSES

- Programming languages: C / C++ / C# / Python
- Relevant coursework: Operating System (ECE391) / Data Structure / Computer Security / Digital Signal Processing
- Relevant projects: Temperature indicator of computer (in progress) / Hand Gesture Controlled LED display (March 2018)