



<cse.scholars>UNIVERSITY OF MICHIGAN

Resume Book

Abhinav Jain

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623 Oxford Rd., 206 Geddes House, Ann Arbor, MI 48104

Objective

Seeking a summer internship from June to August 2012 as a Software Developer/Test Intern. I would also be extremely interested in a co-op from June to December 2012 or January to July 2013.

Education

University of Michigan, Ann Arbor, MI

April 2014

B.S.E., Computer Science Engineering, GPA: 3.38/4.00

Member of CSE Scholars and Engineering Council Leadership Committee

Relevant Coursework:

- EECS 281: Data Structures and Algorithms
- EECS 370: Introduction to Computer Organization
- EECS 441: Mobile App Development for Entrepreneurs

Work Experience

CMC Ltd., Mumbai, India

May – July 2011

Training in Software Development

- Designed and developed a resume builder software using VB.NET
- Gained comprehensive database management knowledge in RDBMS using MySQL

Residence Staff, University of Michigan Housing

August 2011 – Present

Community Assistant overlooking 375 Students

- Model a commitment to multiculturalism and social justice by creating and fostering a community in which all individuals are respected
- Work in a manner that enhances a supportive community by getting to know residents, address the needs of residents, and help with community building to meet the needs of the community

Major Projects

- **CSE Scholars:** Implementing an AP Computer Science Course for high schools around Ann Arbor for students who don't have access to many resources. Course will include lectures provided at school and online and, working on projects that will be submitted online to an auto-grader with test cases.
- **EECS 281:** Implemented four traditional sorting algorithms (Bubble, Heap, Merge, Quick) and Bucket sort to sort a data file which contained information identifying the worst web pages on any topic.

Leadership

Michigan Cricket Association: Board Member

January 2011 - Present

- Coordinate with External Vice President to organize social events to raise awareness of Cricket
- Work with other organizations such as hall councils and multicultural councils to raise funds

CSE Scholars: Social Chair and Community Chair

January 2011 – December 2012

- Organize events to raise funds for various communities
- Coordinate social events such as movie night, game night, bowling night, etc

University of Michigan Engineering Council: Freshmen Council President

September 2010 – April 2011

- Organized social events to spread importance of leadership within College of Engineering

Honors

Varsity Tennis (Jakarta International School)

October 2008 - February 2010

- Travelled to Bangkok, Thailand to compete against 5 International Schools from South-East Asia

Skills

- Computer Languages: Proficient with C++ and Verilog
- Languages: Fluent in Hindi and Proficient in Spanish

Hobbies

- Model United Nations

2010, 2011

Ansgar Strother

astrothe@umich.edu • Cell: (734) 972-8617 • Home Address: 739 Dhu Varren Road Ann Arbor, MI 48105

Education	University of Michigan - College of Engineering B.S.E. Computer Engineering, May 2013 GPA: 3.61/4.00
Employment	State of Michigan Fiber Optic Project August 2010 – February 2011 <i>Assistant</i> <ul style="list-style-type: none">Conducted online research and developed excel files to catalog existing fiber optic infrastructure that could be used to connect state governmental buildings.Analyzed and evaluated possible fiber optic connections between existing networks with government buildings and networks.
Computer Skills	Programming Languages and Computer Applications C++ (3 semesters including EECS 281), Java, Visual Basic, Auto CAD including 3-D Architectural, Matlab, Maple
Awards and Honors	Dean's List - University of Michigan College of Engineering Fall 2010 Eagle Scout , Boy Scouts of America, Troop 4, Ann Arbor, MI February 2007 <ul style="list-style-type: none">Designed, fundraised, and managed the construction of a walkway and landing area that gave access to Traver Pond in Olson Park. The project included natural plantings, and a sign about the wildlife at Traver Pond.Raised \$2,735 and managed 194 ¾ hours of labor.Due to efficient purchasing and construction, the project came in under budget and the surplus of \$761 was donated to the Ann Arbor Public Schools Science Program. National Honor Society May 2008 – June 2010 <ul style="list-style-type: none">Required to maintain a 3.5+ GPA and 20 hours of community service per semester. Andrew Lum Scholarship <ul style="list-style-type: none">Awarded to a Huron HS Varsity Football Player for dedication to athletics and academics.
Clubs and Organizations	CSE Scholars <ul style="list-style-type: none">Attended presentations and networking events within the EECS field. Triangle Fraternity – Fraternity of Engineers, Architects, and Scientists. <i>Academic Chair</i> <ul style="list-style-type: none">Developed support network and study environment for academic improvement.Organized the renovation of an unused room into a library and group study room. Boy Scouts of America, Eagle Scout , Troop 4 Ann Arbor, MI June 2003 – June 2010 <ul style="list-style-type: none">Sr. Patrol Leader September 2005 - 06, Patrol leader September 2003 -05Attended Philmont Scout Ranch. Earned 50 mile badge. June 2006St. Helena Lighthouse Restoration on St. Helena Island, MI. 2004, 2005, 2007, 2008Attended the "National Youth Leadership Training Class" July 2005 Piano 15 years, accompanist for Solo and Ensemble Festival for Vocal and Band.
Language	German Proficient

Connor Stack – Sophomore, CSE

Permanent Address:
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Fenton, MI 48430
(810) 629-8187

Current Address:
302 Cambridge House West Quad
541 Thompson
Ann Arbor, MI 48109-1360

Email: cstack@umich.edu
Cell: (810) 569-4539
Website: sidefofx.com
TruApp: truapp.me/cstack

Objective

I want a summer software development internship that will allow me to make interesting things and learn along the way. After graduating from the University of Michigan, I hope to enter a career in software engineering.

Education

University of Michigan

- Sophomore Engineer in Computer Science
- GPA: 3.97 / 4.00

Highlighted Courses

Current Courses – Winter 2012

- Data Structures and Algorithms – EECS 281
- Introduction to Computer Organizations – EECS 370

Core CSE Courses – Fall 2011

- Discrete Math – EECS 203
- Introduction to Algorithms – EECS 280

Microprocessors and Toys – ENGR 100 – Winter 2011

- Created “Block-do-ku,” Su-do-ku with a camera that tracks colored blocks

Experience

UMHS Identity Management Team – Intern – July 2010 through August 2011

- Coded on projects including functionality testing, server monitoring and statistical analysis
- Processed account requests and wrote documentation for team tools

Machine Learning UROP Research – Undergraduate Researcher – September 2010 to August 2011

- Learned how to implement several unsupervised machine learning algorithms
- Worked with Xbox Kinect to incorporate infrared depth maps and image data into learning algorithms

Android App Development – Independent – Fall 2009 to Spring 2011

- Independently taught myself the basics of Android development
- Designed, coded and published a real-time game using Java and the Android SDK

Activities / Honors

CSE Scholars – Winter 2011 to present

- Joined a team to create an AP Computer Science curriculum for local high schools
- Attended technology, community service and social events with other CSE majors

Web Development – 2009 to present

- Independently designed and coded websites for local businesses and organizations
- Continue to work on small projects at sidefofx.com

High School Valedictorian – 2010

Skills

- C++, Java, Python, Matlab
- HTML, CSS, Javascript, PHP, MySQL

Want to learn more about me? Check out truapp.me/cstack

David Adrian

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EDUCATION

University of Michigan

Ann Arbor, MI

Bachelors of Science in Engineering, Computer Science Engineering

Class of 2014

- **GPA:** 3.55/4.00
- **Significant Completed Courses:** C++ Data Structures and Programming, Music Signal Processing, Calculus-based Intermediate Microeconomics, Digital Logic Design, Discrete Math
- **Significant Current Courses:** Algorithms and Data Structures, Introductory Computer Organization, Computational Theory

RELATED EXPERIENCE

Whisper Communications Project

Ann Arbor, MI

<http://www.whispercomm.org/manes/>

2011-Present

Undergraduate Research Assistant

- Goal of the Whisper project is to build an easy-to-use, infrastructureless, reliable, secure, private communication system
- Targeting ad-hoc wireless networks created on Android phones to bounce messages from a sender to a chosen recipient
- Developing a mobile ad-hoc network emulation system (MANES) for testing feasibility and possible routing protocols using 3G networks and phone-based GPS services
- Uses Google Cloud to Device Messaging framework and a custom RESTful web API secured with OAuth over HTTPS
- MANES Client application will be released in the Android Market upon completion and source code will be posted on Github

Computer-Aided Engineering Network (CAEN)

Ann Arbor, MI

Network Technician

2011 - Present

- Maintain College of Engineering computer network and assist in IP/DNS space supervision
- Transition CAEN printers to management under university Information and Technology Services
- Administer and deploy the over 700 wireless access points that constitute the CAEN Wireless Network
- Update network switch hardware configuration (Cisco, Force10, Juniper) according to faculty and department's needs

LEADERSHIP EXPERIENCE

<CSE.Scholars>

Ann Arbor, MI

AP Scholars Program Chair

2011 - Present

- Developing a free course for high school students to take in order to prepare for the AP Computer Science exam
- Coordinate and direct four teams that are designing different parts of the course
- Designing and coding web-based autograder to streamline course project grades
- Interface with high schools near Ann Arbor in order to foster course participation among high school students

SKILLS

- **Programming:** C/C++, Java, Verilog HDL
- **Web Development:** PHP, SQL, Javascript, HTML/CSS, Neo4j Graph Database
- **Linux:** Server administration, Debian-based distributions, SAMBA
- **Data Processing:** MATLAB, Excel, Word

DANIEL M. CLIFFORD

LOCAL ADDRESS

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(734) 730-1006
dcliffo@umich.edu

PERMANENT ADDRESS

711 Ironwood Way
Saline, MI 48176
(734) 786-3708

OBJECTIVE

Seeking a challenging fulltime position in the Computer Engineering field utilizing computer programming and hardware design skills. Available January 2012

EDUCATION

University of Michigan
B.S.E in Computer Engineering
GPA: 2.82/4.0

Ann Arbor, MI
December 2011

- Computer Organization
- Data Structures and Algorithms
- Digital Signal Processing and Analysis
- Embedded Control Systems
- Design Logic
- Digital Integrated Circuits
- Computer Architecture

RELATIVE EXPERIENCE

Military Sealift Command Headquarters Co-Op
Project Manager

Washington D.C.
June 2011 – Present

- Secret Security Clearance
- Government Oversight of multiple Information Technology projects
- Ensure delivery of products according to desired specifications

Digital Signal Processing Lab
Student/Developer

Ann Arbor, MI
January 2011-April 2011

- Developed interfacing method between FPGA and Microsoft Kinect
- Established algorithm for translating hand motion into op-codes commands
- Integrated wireless RF modules to transmit op-codes to iRobot for movement

Camp Caen (University of Michigan)
Instructor

Ann Arbor, MI
June 2010-August 2010

- Taught Web-Design (HTML, CSS) to students
- Assisted in teaching intermediate C++

OTHER EXPERIENCE

Global Intercultural Experience for Undergraduates
Preserving Ecology and Local Culture in a Global World

Bali & Java, Indonesia
May 2011-June 2011

- Explored local cultures to understand responses to global pressures
- Acted as Government liaisons between the local people and government officials

COMPUTER SKILLS

Environments: Windows/Linux/Mac
Applications: Microsoft Office, Visual Basic, AutoCAD, Matlab, Mathematica, Maple, SPICE
Languages: HTML, C++, C

AWARDS

- Dean's List Winter 2011, College of Engineering
- Michigan Promise 2007, Michigan Department of Treasury

ACTIVITIES

- CSE Scholars, Corporate Relations Chair, November 2010 – Present
- Kinect Martial Arts, Instructor, Fall 2003 – Present

REFERENCES AVAILABLE UPON REQUEST

Objective

- Internship for Summer 2012

Education

- UNIVERSITY OF MICHIGAN – Ann Arbor, Michigan
Majoring in Computer Engineering, 3.6 GPA, Class of 2014
- MILFORD HIGH SCHOOL – Highland, MI
3.7 GPA, Class of 2010

Skills Summary

- Experience with Windows XP, Vista, and 7, Linux, and OSX including terminal use and scripting
- 5+ years of experience with C/C++, numerous scripting languages, 6 months experience with Verilog
- Broad electronics experience including troubleshooting, building, soldering, etc.
- Advanced knowledge of MS Office
- Ability to work as part of a team/help others to solve problems

Experience

Work:

- Student Linux Systems Administrator (May 2011-?, College of Engineering): Worked under senior administrators, learned package management, Git, scripting, and other administration skills.

Volunteering:

- MEZ Mentor (2011): Mentored Detroit area high schoolers through the Office of Student Affairs at the Michigan Engineering zone.

College Projects:

- Hovercraft (Fall 2010): Worked with a group of ~10 students building a control system with the Gumstix CPU on a hovercraft as an extra project for Engineering 151.
- Engineering 100 (Winter 2010): Microprocessors and Toys. Programmed an educational game completely in pseudo-assembly code. Also learned computer circuitry with Verilog.
- MAAV (Fall 2011-?): Worked to build an autonomous quadrotor to compete in a DARPA sponsored event.

Robotics (2007-2010):

- Participated throughout high school on a successful FIRST team. The team has 6 weeks to design, build, and program a ~2'x3'x6' robot to play an interactive game.
- Lead student programmer for 3 years out of 5-10 student programmers on a 35-50 student team.
- Programmed in C, C++, and LabVIEW, and build control systems using a variety of sensors, human input devices, etc.

Other:

- One of 1,300 National Merit Scholarship Finalists nationwide in 2010
- UM IEEE Chapter Member and CSE Scholars Member
- National Society of Collegiate Scholars

KRISTEN A. DWAN

1308 Geddes Avenue ♦ Apartment 3 ♦ Ann Arbor, MI 48104 ♦ (989) 213-4744 ♦ dwankri@umich.edu
Home Residence ♦ 5230 N. Thomas Rd. ♦ Freeland, MI 48623

OBJECTIVE Seeking internship position or study program in Computer Science Engineering

EDUCATION **University of Michigan**, Ann Arbor, MI April 2014
Anticipated B.S.E. Computer Science Engineering

Current Courses: EECS 281, EECS 399, Calculus IV, PHIL 355

Completed Courses: EECS 203: Discrete Mathematics,

EECS 280: Intro Programming and Data Structures,

Engineering 100: Gaming for the Greater Good,

Engineering 101: Intro Programming, Calculus I, II & III,

Chemistry 125/126, Chemistry 130, Physics 140 & 141,

Overall GPA: 3.275

Nouvel Catholic Central High School, Saginaw, MI May 2010

GPA Unweighted: 3.72

Related Courses: Honors Pre-Calculus, AP Calculus,

Honors Physics, AP English IV, Art I-III

Graduated with Honors

WORK EXPERIENCE **RobotC Summer Camp**, University of Michigan, Ann Arbor July 2011

- Selected by Professor to lead camp for high school girls
- Taught and assisted with RobotC, robot programming language
- Assisted campers in programming tasks using LEGO Mindstorms

WISE GISE Summer Camp, University of Michigan, Ann Arbor June 2011

- Selected by WISE to teach section of Engineering focus
- Taught class sections of Alice, OOP language to 7th and 8th grade girls interested in science/engineering
- Created and oversaw logistics for a cardboard canoe race

Sawmill Golf Course, Saginaw, MI May 2011-August 2011

- Server
- Managed inventory
- Developed flexibility dealing with different types of customers

Amore Dancewear, Saginaw, MI August 2009-March 2010

- Sales Associate
- Created visual displays of merchandise to increase sales
- Data recorder of weekly inventory

Body Rhythm Dancewear, Saginaw, MI August 2008-December 2008

- Position of sales associate
- Managed multiple customers at once
- Responsible for taking / recording inventory data

COMPUTER SKILLS
Group Programming Experience: Computer game creation, group of four
Platforms: Windows, Linux, Mac OS X
Applications: All Microsoft Office Applications
Languages: C++, MATLAB

Evan Dancer

12180 Peninsula Drive, Traverse City, Michigan 49686 • 231.342.6932 • edance@umich.edu

Objective

Intern position in Computer Science Engineering

Education

University of Michigan
Bachelor of Science in Computer Science Engineering
GPA: 3.50/4.00

Ann Arbor, MI
April 2013

Awards

Dean's List

Fall 2009

Work Experience

PeopleCube
Automation, QA Intern

- Created scalable automated test script interface
- Built program to find buttons and text fields on a web page
- Developed library of common user interface work-flows
- Produced automated test scripts using coded user interfaces
- Wrote defect reports
- Participated in regression testing
- Developed in C# in Microsoft Visual Studio on Windows 7

Traverse City, MI
May - August 2011

Garden Goods
Plant Salesman

- Helped customers find plants and materials for gardens and landscapes

Traverse City, MI
Summer 2010 - 2011

Projects

Android Game "Hipsterman"

June 2011 - present

Developer

- Side-scrolling video game where superhero fights off enemies

Activities

CSE Scholars
Member

- Participated in technical discussions and community service projects

Ann Arbor, MI
January 2011 - present

Michigan Running Club
Member

- Competed in meets and activities

Ann Arbor, MI
September 2009 - present

Kappa Sigma Fraternity
House Manager, Brother

Ann Arbor, MI
January 2011 - present

Computer Skills

Languages: C++, Java, C#

Applications: Eclipse, Microsoft Visual Studio, Microsoft Sharepoint, Version One, Blender, Autodesk 3D Studio Max, Word, Excel, Powerpoint, Matlab

Operating System: Linux, Unix, Windows

FRANK J LARITZ II

CITIZEN OF THE UNITED STATES OF AMERICA

28 BLUE BIRD COURT
FLEMINGTON, NEW JERSEY
FLARITZ@UMICH.EDU
908-328-1395

OBJECTIVE

- Advance my electrical engineering knowledge by researching, designing, and developing state of the art electrical systems.
- Work in a positive and challenging environment.
- Become a contributing team member by utilizing my education and organizational skills.

EDUCATION

University of Michigan, Ann Arbor, Michigan

September 2008 – Present

College of Engineering

Major: Electrical Engineering

Electrical Engineering GPA: 3.47/4.0

Expected graduation: May 2012

Dean's List (GPA 3.5 or Higher): Fall 2009, Winter 2011

EECS Coursework:

- EECS 215 – Intro to Electronic Circuits
- EECS 216 – Intro to Signals and Systems
- EECS 230 – Electromagnetics I
- EECS 270 – Intro to Logic Design
- EECS 280 – Programming and Data Structures
- EECS 311 – Electronic Circuits
- EECS 320 – Intro to Semiconductor Devices
- EECS 330 – Electromagnetics II
- EECS 334 – Principles of Optics

- EECS 370 – Intro to Computer Organization *
- EECS 398 – Intro to Computer Security
- EECS 401 – Probabilistic Methods in Engineering
- EECS 451 – Digital Signal Processing and Analysis
- EECS 452 – Digital Signal Processing Lab *
- EECS 455 – Digital Communication Systems
- EECS 460 – Control Systems Analysis and Design
- EECS 461 – Embedded Control Systems

* Currently Enrolled

WORK EXPERIENCE

General Dynamics: Electric Boat

June 2011 – August 2011

- Performed a failure analysis for a submarine propulsion monitoring and control network.
- Developed control-failure-check-algorithms for a submarine propulsion monitoring and control network.

Freelance Embedded Programming

June 2011 – August 2011

- Programmed the ATtiny2313 microcontroller in C to control a Persistence-Of-Vision product, which is set to release commercially within the next year.

TECHNICAL EXPERTISE

Operating Systems:

Windows, Linux, Macintosh

Programming Languages:

Assembly, C, C++, MATLAB, Verilog

CAD Programs:

ADS, Cadence, HFSS, Quartus

Laboratory Equipment:

Altera DE2 Dev Board, Function Generator, Oscilloscope, Network Analyzer

Microcontrollers:

TI C5515 eZDSP, Freescale MPC5553, Atmel ATTiny2313

ADDITIONAL

CSE Scholars Vice President

- Organized and oversaw the EECS Tutoring Program (a free tutoring program offered to students in lower level EECS courses)

Hang (Sirius) Gu

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EDUCATION	University of Michigan, Ann Arbor, MI <i>B.S.E in Computer Science Engineering</i> Course Highlights: <ul style="list-style-type: none">• Advanced Object-Oriented Programming• Computer Security• Computer Organizations• Data Structures & Algorithms• Operating Systems• Artificial Intelligence	Expected: M.S.E. 05/2012 GPA 3.76/4.00
EXPERIENCE	Amazon.com , Seattle, WA <i>Software Developer- Intern , Web Application Platform</i> <ul style="list-style-type: none">• Migrated old data processing jobs to Hadoop cluster.• Created a self-service web application, including front-end UI and back-end service.• Gained experience in server-client communication, Amazon S3, and distributed system.	07/2010-present
	Epic Systems Corporation , Madison, WI <i>Software Developer- Intern , Analytics Team</i> <ul style="list-style-type: none">• Developed VB application for hospital administration.• Involved in all development circles – analysis, design, coding, QA, documentation.	06/2009-08/2009
	RoboCup Project , Ann Arbor, MI <i>Team Lead, University of Michigan Student Artificial Intelligence Laboratory</i> <ul style="list-style-type: none">• Develop Java codes focused on behavior module at this moment.• Simulate and test the Nao robot in Webots Stadium environment.	01/2009-present
	Game Design Project, Wolverine Soft , Ann Arbor, MI <i>Programmer, Artist</i> <ul style="list-style-type: none">• Develop games using Zenilib game engine, working on team projects.• Finished project Plumber, available for downloading on <i>WSOFT website</i>.	09/2008-present
	Percolation Simulation Research Project , Ann Arbor, MI <i>Research Assistant, Prof. Ziff laboratory, Department of Chemical Engineering</i> <ul style="list-style-type: none">• Develop efficient algorithms to simulate percolation threshold problems.• Test codes, collect and analyze data from simulation results, and release on <i>website</i>.• Co-authored papers for publication in <i>Physical Review E</i>.	09/2007-present
HONORS	CSE Scholars, since 2008 Dean's Honor List, since 2008 College of Engineering Need and Merit Scholarship, 2008-09 Junior Scholar Award, 2008-09	
Leadership/ Teamwork	<i>Wolverine Soft (Game Design)</i> , Event Coordinator MSAIL(AI), RoboCup, Team Lead APRIL Lab(AI), MAGIC 2010, Testing Coordinator College of Engineering Mentorship Program, Mentor	
COMPUTER SKILLS	Languages: C/C++, Java, VB, Matlab, knowledge of JavaScript, MySQL , Verilog, XML Software: Visual Studio, Eclipse, 3DSMAX, System Security & Maintenance	
Languages	Fluent in Mandarin and Japanese.	

MICHAEL GIAMMALVO

Objective

Seeking an internship in the field of Computer Science where I can leverage my skills learned at University of Michigan, in the areas of Software Engineering and computer graphic design.

Education

University of Michigan-Ann Arbor, MI

Bachelor of Science in Engineering: Computer Science Engineering, May 2013

GPA: 3.1 Class Level: Junior

Relevant Courses

- EECS 499: Learning Apps for Primary Education (C#)
- EECS 487: Interactive Computer Graphics (OpenGL/GLUT)
- EECS 398: Introduction to Computer Security (Python)
- EECS 376: Theory of Computation
- EECS 281: Data Structures and Algorithms (C++)
- EECS 370: Intro to Computer Organization (C)
- SAC 306/406: Digital Animation I / II
- EECS 280: Programming and Intro to Data Structures (C++)

Projects

- Developing an educational app for Windows Mobile Phone 7 to be used by schools in Singapore.
- Infiltrated a mock website using SQL injection, Cross-site Request Forgery, and Cross-site Scripting.
- Programmed various sorts including Quicksort, Heapsort, Bucket sort, and Mergesort to sort strings of numbers using heap, linked lists, recursion, dynamic memory, and classes.
- Programmed a maze solver using both breadth and depth first searches involving a backtracking algorithm to solve right turn only mazes.
- Created an educational video game with Verilog and marketed it to an imaginary toy company.
- Designed a short 45 sec Kinetic Typography using After Effects and Adobe Illustrator.

Languages / Applications

- C/C++, OpenGL & GLUT, Java, Python, C#, HTML, UNIX, Assembly, Verilog
- MS Office, Eclipse, Xcode, Photoshop, After Effects, Final Cut Pro, Iron Cad/3D Modeling, Soundtrack Pro

Professional Experience

Northrop Grumman, San Diego, CA

2011-Present

SOFTWARE DEVELOPMENT INTERN

Defense contractor in charge of pioneering new technologies such as UAV's and airplanes.

- Designed and implemented Web GUI's for manned and unmanned devices.
- Connected the GUI's to the back-end and integrated to system.

Emerald Asset Advisors, Cold Spring Harbor, NY

2008 – 2009

PERSONAL RESEARCH ASSISTANT

Hedge fund company focused on a mixed portfolio of investments.

- Conducted market research on companies purchased by the hedge fund.
- Communicated findings to executive in charge.

Leadership and Involvement

Leadership

- CSE Scholars Treasurer (12/2011-Present)
- CSE Scholars Secretary (09/2011-12/2011)

Jacob S. Brown

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425.753.3744

jakbrown@umich.edu

Objective:

Highly resourceful and talented computer science student seeking a summer internship where I can bring a strong work ethic and positive collaboration skills to the professional industry.

Education:

University of Michigan, Ann Arbor, MI

College of Engineering – Class of 2013

Major: Computer Science

Minor: Entrepreneurship

GPA: 3.30/4.00

Relevant Coursework:

Programming and Introductory Data Structures; Discrete Mathematics; Introduction to Computers and Programming; Multivariable Calculus; Business Basics for Engineers.

Work Experience:

Allen Developmental Biology Lab – Undergraduate Lab Assistant

UM Department of Cell and Developmental Biology

March 2010 to Present

- Duplicated and purified DNA for experiments.
- Prepared basic solutions for daily research use.
- Washed and autoclaved lab glassware.
- Cleaned and calibrated lab research instruments.

Envision Optometry – Part-Time Office Assistant

Bellevue, WA

June 2007 to August 2009

- Performed daily office upkeep tasks.
- Facilitated pre-exam patient check-in.
- Maintained patient medical records.
- Authorized and billed patient insurance.
- Answered multiple phone lines.
- Confirmed upcoming patient appointments.

Campus/Community Activities:

Computer Science Engineering Scholars – Webmaster

December 2010 to Present

- Maintained and improve CSE Scholars website
- Developed resume drop box and resume viewing interface for corporate recruiters.
- Helped organize club events and community service opportunities.

West Quad Residence Hall Council – House Representative

October 2009 to April 2010

- Organized over ten community building events for dorm residents.
- Participated in regular weekly meeting to discuss agendas.

Computer Skills:

Proficient with C++, MATLAB, Maple, HTML, CSS, PHP, and Python

Proficient with most Microsoft Office applications.

Honors and Awards:

2010 University of Michigan Scholar Athlete

2009 National Merit Scholarship Finalist

JAYA JOSEPH

38946 Horton Dr.
Farmington Hills, MI 48331

jayajos@gmail.com
(248) 910-1766

SKILLS

- Technically proficient in C++ and Verilog
- Fluent in English and Hindi, partially fluent in French
- Strong leadership and organizational skills

EDUCATION

University of Michigan, Ann Arbor, MI
Bachelors in Computer Engineering (anticipated May 2014)

North Farmington High School, Farmington Hills, MI
High School Diploma (received June 2010)

EXPERIENCE

CAMP COUNSELOR (August 10, 2011 - August 13, 2011)
Sri Ram Chandra Mission, Molena, GA

- Planned, scheduled, and coordinated several children's activities, including:
 - Spiritual discussions
 - Physical games/tournaments
- Filmed and edited video of camp projects

PERSONAL SECRETARY (February 28, 2011 - March 4, 2011)
The Baptist Manor, Farmington Hills, MI

- Performed traditional secretariat duties, including making appointments, organizing forms and receipts, etc.
- Interacted and helped coordinate activities of senior residents

ACTIVITIES COORDINATOR (2006 - Present)
Sri Ram Chandra Mission, Dayton, OH & Detroit, MI

- Planned, scheduled, and coordinated children's activities, including:
 - Plays and skits
 - Essay writing and chess competitions

EXTRACURRICULARS

CSE SCHOLARS - A group formed and consisting of University of Michigan students with majors throughout the EECS field which gets members involved in programs such as tutoring, mentoring, volunteering in the Ann Arbor community, networking students with companies, and recruitment of new students to the CSE department.

- Member since 2009
- Duties: Officer (Social Media Chair)

SRI RAM CHANDRA MISSION (SRCM) - A spiritual organization which aims to better the world through love and brotherhood.

- Member since 2008
- Duties: Camp Counselor, Youth Activities Coordinator

UNIVERSITY OF MICHIGAN MODEL UNITED NATIONS (UMMUN) - A group of University of Michigan students who plan and hold a mock United Nations conference at the University for several local high schools.

- Member since 2009
- Duties: Co-President of the International Press Corps (IPC) committee, Official Videographer

K-GRAMS - The mission of K-grams is to establish a strong community of learning for a wide range of college and elementary students, educators, and families by developing positive relationships and experiences that extend beyond the classroom.

- Member since 2011
- Duties: Pen Pal

BURSLEY MULTICULTURAL COUNCIL - The Bursley Family Multicultural Council seeks to bring together the inhabitants of Bursley residential hall by exploring and emphasizing the diversity, camaraderie, and knowledge shared throughout the University of Michigan campus.

- Member since 2011
- Duties: Rotating Executive Board Member

Jacob Carless

Present Address 1309 S. University Apt # 3 Ann Arbor, MI 48104
Permanent Address 45627 Addington Ln. Novi, MI 48374
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jcarless@umich.edu

OBJECTIVE Looking for an internship position in the Computer Science field. Available May-August.

EDUCATION **University of Michigan** 09/2009-Present
B.S.E. Computer Science
GPA: 3.89/4.0

- ENGR 101: Intro to computers and Programming
- EECS 280: Programming And Introductory Data Structures
- EECS 281: Data Structures and Algorithms
- EECS 203:Discrete Mathematics
- EECS 370: Introduction to Computer Architecture
- ECON 101: Intro to Microeconomics

Novi High School Novi, MI 08/2005-06/2009
GPA : 4.0/4.0

WORK EXPERIENCE **Janet Smith Lab** Ann Arbor, MI 10/2009-Present
Undergraduate Assistant

- Goal : to solve the three-dimensional structure of various viral proteins
- Started as a for-credit UROP student, hired on after first year
- Assist the Lab Manager with lab upkeep
- Help grad students and other researchers with their tasks

Running Fit Novi, MI 08/2007 - 8/2009
www.runningfit.com
Salesperson

- Helped customers find their ideal running shoe
- Trained new employees
- Opened and closed the store

COMPUTER SKILLS Environments: Windows XP/Vista/7, Mac OS, Linux
Applications: Microsoft Office, Adobe Illustrator, Maple, MATLAB
Languages: C++, some Java

HONORS & AWARDS Dean's List Fall 2009, Winter 2010, Fall 2010
University Honors Fall 2009, Winter 2010, Fall 2010
Blue Ribbon Winner, UROP Research Symposium, Spring 2010
Manuscript accepted by *Protein Expression and Purification*, listed as a co-author

ACTIVITIES Michigan Student AI Laboratory, member, Fall 2010-present
StarCraft AI project, member, Fall 2010-present
CSE Scholars, member, Fall 2010-present
Eta Kappa Nu (HKN) electee, winter 2011

Jill C. Bender

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Objective

Seeking a summer internship in order to gain valuable experience in the workplace that supplements my undergraduate education by broadening and intensifying my programming skills.

Education

University of Michigan Ann Arbor, MI

B.S. Computer Science Engineering expected May 2014

Cumulative GPA 3.644

Skills

Experience with C++ and Matlab

Some experience with C#, HTML, and Drupal

Proficient in Microsoft Office, Apple iWork/iLife, and the Standard Adobe Creative Suite.

Excellent Communication and Organizational Skills

Work Experience

Assistant at Yellowbird Vacations - Property Management Company 2008-2011

Manage and update the website

Customer service including managing phone calls and bookings, meetings, and service calls

Organize and maintain office space

Maintain schedule and billing procedures

RobotC Camp Counselor for Women in Science and Engineering July 2011

Teach basic programming skills to 8th-10th grade girls

Clerk in the Department of Computer Science Engineering 2010-2011

Clerical duties including copying, filing, and data entry.

First Lego League Coach for Women in Science and Engineering September 2011

Teach programming and other engineering principles to 6th-9th grade girls.

Organize and motivate the team to complete work for the robotics competition.

LEADERSHIP EXPERIENCE

Administrator on the Executive Board of the Living Arts Programming Board 2010-Present

Living Arts is a student organization designed to foster multi-disciplinary collaboration, creativity, and innovation. As an administrator, I direct the organization's events and activities.

Wrote the organization's constitution and was part of the founding members of the organization

Currently serving as President.

Peer Mentor for Residence Hall Learning Community 2011-2012

Guide incoming freshmen to acclimate to the University of Michigan through community building activities, tutoring, and one-on-one mentoring.

Leadership training at University of Michigan Leadership Connection 2011 May 2011

Develop strategies to successfully manage and maintain a group or community.

Volunteer Tennis Instructor and Coach 2007-Present

Highly experienced in organizing and maintaining order for a well executed practice as well as motivating and supporting players.

OTHER

Attendee of NANOG 52, June 2011 in Denver, CO

Attendee of Metaswitch Forum 2009 in Las Vegas, NV

John R. Kendall

1187 Roxboro Cove | Atlanta, GA 30324 | 404-788-7449 | johnrkendall@gmail.com

Summary

An aspiring software engineer gifted in mathematics with a passion for computer science and entrepreneurship. Majoring in Computer Science Engineering. GPA 3.07.

Experience

Microsoft Internship, Redmond, Washington May – July 2010
On the Windows Multipoint Server team, participated in the Explorer Program and experienced Microsoft’s three major engineering disciplines. For a Windows Multipoint feature, served as Program Manager, Software Development Engineer, and Software Development Engineer in Test. Presented work to Bob Muglia, Microsoft’s President of Server and Tools.

Google FUSE Program 2009, New York, NY July 2009
Participated in this enriching two-day retreat with students selected from across the U.S. and Canada. Through tech talks with Google engineers and group activities, gained valuable insights into computer science careers. Formulated a new business concept with a team of computer science students from four different universities and launched a personal project in technology.

Student Mentor, University of Michigan, Ann Arbor, Michigan September 2009 to Present
Employed as a mentor through the Multicultural Engineering Programs Office at the
University of Michigan to advise and support underclassmen in the College of Engineering.

Honors and Awards

Microsoft Scholar March 2010
Named Microsoft Scholar and awarded scholarship

Google Scholarship December 2009
Awarded scholarship in recognition of academic achievements and passion for technology

Benjamin A. Gilman Scholarship Winter 2010
Awarded scholarship by U.S. Department of State for pursuing academic studies abroad

University of Michigan Travel Grant Winter 2010
Awarded travel grant by University of Michigan's International Programs in Engineering

Computer Skills

Programming Languages: C ,C++ ,C# , and Verilog Environments: Linux, Windows, and Mac OSX

Education

University of Michigan, College of Engineering, Ann Arbor, Michigan 2008 to 2012
Candidate for the Degree of Bachelor of Science in Engineering

Hong Kong University of Science and Technology January – May 2010
Completed one semester of studies toward engineering degree; gained insight into Chinese culture

Memberships

- National Society of Black Engineers, University of Michigan Chapter.
 - Institute of Electrical and Electronic Engineers, University of Michigan Chapter.

JOE ROMEO

5552 Southlawn Drive Sterling Heights, MI 48310 • (586) 943-2067 • jromeoo@umich.edu

EDUCATION

University of Michigan – Ann Arbor, *Ann Arbor, MI*
B.S., Computer Engineering & Electrical Engineering
GPA: 3.1

Sept 2009 – Present

LEADERSHIP

Computer Science and Engineering Scholars Club, Ann Arbor, MI Sept 2010 – Present
President , April 2011 – Present

- Restructuring organization to be more organized and social
- Setting up and planning events for next fall with the new officer board
- Developing new ways to make students more involved in organization

Community Service Chair, December 2010 – April 2011

- Organized over 50 hours of community service in the Winter of 2011 semester
- Motivated over 30 members to volunteer with me in both Ann Arbor and Detroit
- Organized fundraisers; raised \$500 for Relay for Life, an organization that helps fight cancer

EXPERIENCE

EECS 452 Digital Signal Processing Lab, Ann Arbor, MI Jan 2011 – April 2011
Hardware peripheral interfacing specialist

- Implemented a wireless network between FPGA and robot using Xbees
- Designed and implemented a communication system between computer, FPGA, processor and robot
- Implemented a digital signal processing algorithm in a memory-constrained environment
- Programmed in C++, C, Verilog and Python

EECS 498 Smartphone Programming, Ann Arbor, MI Jan 2011 – April 2011
Hardware peripheral interfacing specialist

- Programmed in Java and XML
- Worked with the accelerometer, speech to text, and text to speech hardware
- Worked with Adobe Photoshop and openGL to make a graphics user interface
- Presented bi-weekly to class with updates on application progress

Solar Bubbles, Ann Arbor, MI Sept 2010 – Present
Embedded Hardware Team Member

- Attended weekly meetings to discuss progress of system
- Designed a servo switch controller(SSC) using AVR Studio and Atmel microcontrollers
- Compiled many trade studies to ensure design met specifications

Student Space Systems Fabrication Laboratory (S3FL), Ann Arbor, MI Jan 2010 – May 2010
Data Collector & Analyser for XSAS(Extendable Solar Array)

- Implemented a wireless network using Xbees
- Participated in a 6-week outreach program with elementary/middle school students
- Designed Printed Circuit Board for a single-master, multi-slave network using Eagle
- Helped prepare and present for Critical Design Review of our extendable solar array
- Compiled trade studies to ensure design met specifications

COMPUTER SKILLS

Languages

- Matlab, Simulink, C, C++, Java, Verilog, VHDL, XML

Software

- Microsoft Office (Word, Excel, PowerPoint), Adobe Photoshop

Jeffrey Sallans

12384 Hegel Rd.
Goodrich, MI 48438

(810) 240-1345
jsallans@umich.edu

Education:

- University of Michigan, Ann Arbor Class of 2014
 - Cumulative G.P.A. : 3.534
 - Computer Science Engineering major
 - 77 credit hours completed
 - Relevant Classes:
 - ENGR 151** – Accelerated Intro to Computers & Programming
 - EECS 203** – Discrete Mathematics
 - MATH 217** – Linear Algebra
 - EECS 270** – Introduction to Logic Design
 - EECS 280** – Programming & Introductory Data Structures
 - EECS 281** – Data Structures & Algorithms
- Goodrich High School Class of 2010
 - Cumulative G.P.A. : 4.0 and ranked 1 out of 166

EECS 285 – A Programming Language or Computer System*

EECS 370 – Introduction to Computer Organization*

EECS 398 – Intro to Computer Security*

EECS 475 – Introduction to Cryptography*

*currently enrolled

Work Experience:

- ADAC Intern (May 2012 – Current)
 - PHP/JQuery programmer [associationdues.net]
 - Optimized queries for a 324 MB database
 - Designed a real time alert and tagging system
- Pure Thought Labs Co-Founder (March 2012 – Current)
 - Windows 7/Android mobile app programmer
 - Projects:
 - Color Coded [goo.gl/0VGw3]
 - Base Converter Pro [goo.gl/yrTmy]
 - Olympic Games
- Benzinga Intern (Oct 2011 – Feb 2012)
 - PHP programmer
 - Headed Projects implementing:
 - Web scraping

Computer Skills:

- Web: PHP, JQuery, MySQL, HTML, JavaScript, CSS
- Object-oriented: C#, Java
- Scripting: C/C++, Assembly, Verilog
- Applications: Matlab, WAMP, Git, phpMyAdmin, MySQL Workbench, Quartus, Sublime Text 2, Eclipse, Visual Studio, Microsoft Office
- Environments: Unix, Windows, Linux, Mac OS X

Awards & Honors:

- Attained the dean's list for academic distinction (2010 – 2011)
- William J. Branstrom Freshman Prize (2010)
 - For achieving status in the top 5% of the class of 2014 at University of Michigan
- Valedictorian for Goodrich High School Class of 2010

Leadership & Involvement:

- Computer Science Engineering Scholars (2011 – present)
 - Officer: Webmaster (2012 – present)
 - Entire website redesign [web.eecs.umich.edu/~cseschol/]
 - Helping create an AP Computer Science class for High School Students (2011 – present)
 - Tutored students in EECS classes (2012)
- MPowered Entrepreneurship (2011 – present)
 - Tech Team leader (2012 – present)
 - Volunteered at 1000 Pitches (2011)
 - Participated at Startup Weekend (2012)
- UM::Autonomy team (2010)
 - Worked on computer vision algorithms

Kevin T. Wei

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Ann Arbor, MI 48108

kevinwei@umich.edu
Cell: 734-657-0004

Objective	Seeking an first year internship position for the summer of 2012	
Education	University of Michigan – Ann Arbor, MI B. S. E; Undeclared Courses: EECS 280, Programming and Introductory Data Structures ; MATH 216, Differential Equations; EECS 215, Introduction to Electronic Circuits ENGR 100 Section 250, Toys and Microprocessors	April, 2015
	Saline High School, Saline, MI <ul style="list-style-type: none">• High School Diploma• GPA (weighted): 4.355/4.0• National AP Scholar	June, 2011
Experience	Hotline Consultant, CAEN <ul style="list-style-type: none">• Assisted users with problems related to CAEN services• Collaborated with others to troubleshoot issues and escalated them if needed	September 2011-Present
Projects	Tablesat <ul style="list-style-type: none">• Tablesat is a platform that emulates the spinning of a satellite using fans• Programmed a PI controller to maintain a user defined speed Science Olympiad <ul style="list-style-type: none">• Designed and constructed a Rube Goldberg like device to execute specified tasks• Refined the machine to meet specific running times and objectives for competitions• Received third place in the state of Michigan	November 2011 October 2010-April 2011
Volunteer Work	Ann Arbor Art Fair <ul style="list-style-type: none">• Assisted artists in managing their art booths• Sold works of art to various customers Ann Arbor Youth Volunteer Corps <ul style="list-style-type: none">• Completed projects for an urban farm• Cleaned trash from a local river• Raised awareness for homelessness in Washtenaw County	Summers of 2008-2010 Summer of 2010
Computer Skills	Platforms: Windows 7, Vista, XP, Mac OS X, Linux Languages: C++, Java, Verilog Applications: Microsoft Office, Adobe Premiere, Final Cut Pro, Quartus	
Languages	Chinese (Intermediate)	

Jacob Korona

23301 Harmon St. Saint Clair Shores, MI 48080
korona@umich.edu
(586)907-1320

OBJECTIVE

To use strong academic training and experience in computer programming in a software engineering internship position.

EXPERIENCE

- | | | |
|---|-------------------|-------------------------|
| 2008-Current | Andiamo Trattoria | Grosse Pointe Woods, MI |
| | <i>Server</i> | |
| <ul style="list-style-type: none">▪ Forged well-built relationships with the customers, staff members, guests, and team organizers.▪ Outstanding client understanding.▪ Applied courtesy and problem solving skills to ensure customer satisfaction. | | |
| 2008-Current | Andiamo Trattoria | Grosse Pointe Woods, MI |
| | <i>Busser</i> | |
| <ul style="list-style-type: none">▪ Handled 20-35+ tables per night.▪ Continually finding methods to perform work more effectively and efficiently.▪ Experience with fast-paced work environment and quickly finding solutions to challenges.▪ Experience with the use of many commercial-grade restaurant appliances. | | |

EDUCATION

- | | | |
|---|------------------------|---------------|
| 2010-Current | University of Michigan | Ann Arbor, MI |
| <ul style="list-style-type: none">▪ BSE, Computer Science Engineering; Minor, Economics▪ CSE Scholars, Men's Rowing Team | | |

INTERESTS & ACTIVITES

The evolution of technology, computers, fitness and athletics, volunteering within my local community, and spending quality time with family and friends. Member of the Engineering Society of Detroit, CSE Scholars, and Men's Rowing Team.

SKILLS

C++, Matlab, Verilog, Assembly, Linux OS

ENGINEERING COURSES COMPLETED

- | | | |
|-------|--|------------------|
| ▪ 100 | Microprocessors & Toys: Intro to Computing Systems | EECS |
| ▪ 101 | Intro Computing & Programming | EECS |
| ▪ 203 | Discrete Mathematics | EECS |
| ▪ 270 | Introduction to Logic Design | EECS |
| ▪ 280 | Programming and Introductory Data Structures | EECS |
| ▪ 281 | Data Structures and Algorithms | EECS |
| ▪ 407 | Distinguished Innovator Speaker Series | Entrepreneurship |

Kyle Roell

2440 Wildwood Trail · Saline, MI 48176 · (734) 272-2587 · kroell@umich.edu

Objective

Undergraduate student seeking internship for the summer of 2011 in a computer science related field

Education

University of Michigan, Ann Arbor, MI

Bachelors of Science in Computer Science Engineering, expected December 2011

GPA: 3.35

Experience

Advantage Computing Systems, Ann Arbor, MI May 2010 - present
Project Management Intern – Work with project managers, SQL programming, etc

University of Michigan, Ann Arbor, MI Sept 2009 – May 2010
Computer Consultant I – Assist faculty with computer related problems

The Pizza House, Ann Arbor, MI Aug 2007-Sept 2009
Server – Interacted with customers, placed orders, general cleaning responsibilities

Activities

CSE Scholars - Outreach Chairman Fall 2009-Present
-Student group that discusses technical / computer related issues

Wolverine Soft March 2009-Winter 2009
-Software/game development group on campus

The Quito Project May 2008–June 2008
-Traveled to Quito, Ecuador for six weeks to tutor local children

PALMA Jan 2008 – April 2009
-Proyecto Avance: Latino Mentoring Association
-Tutoring/Mentor group for local Hispanic families

K-grams Sept 2007–April 2009
-Penpal program between elementary students and college students

Skills

Fluent in English and Spanish language
Conversational skills in French and Czech language
Proficient in C++, C, Java, SQL

Relevant Coursework

EECS 484 – Database Management Systems	Fall 2010
EECS 482 – Introduction to Operating Systems	Fall 2010
EECS 370 – Introduction to Computer Organization	Winter 2010
EECS 376 – Foundations of Computer Science	Fall 2009
EECS 281 – Data Structures and Algorithms	Fall 2009

Luis Molina

617-838-5806
luismol@umich.edu

411 E Washington St.
Ann Arbor, MI 48104

OBJECTIVE

Seeking a Computer Science Engineering internship. Available May-August 2012.

EDUCATION

University of Michigan	Ann Arbor, Michigan
B.S.E, Computer Science Engineering	April 2014
G.P.A.: 3.860/4.000	
Courses: Microprocessors and Toys: An Introduction to Computing Systems, Data Structure and Algorithms, Foundations of Computer Science, Economic Decision Making, Introduction to Operations Modeling.	
Technische Universität Berlin (Technical University of Berlin)	Berlin, Germany
Study Abroad Program.	Summer 2011

PROJECTS

Microprocessor and Toys (Laser Pencil)	Ann Arbor, MI
• My team programmed an algorithm to detect a laser pointer in a projector screen and draw in the screen with the laser. You could choose in between different colors and size for the pointer, we also included an eraser tool.	
Digital Instrument Tuner	Berlin, Germany
• Build a digital instrument tuner and program algorithms to read data from the analog/digital convertor and perform an FFT analysis.	

LEADERSHIP

Startup Weekend Ann Arbor Organizer	Fall 2011, Winter 2012
• I was one of the organizers of Startup Weekend Ann Arbor 2012. This is an event to create a web-based or mobile app startup over the course of the weekend. Organizing involved, spreading out to the community and students, reviewing applications, managing the website and the social networks, getting sponsorships, in between other activities.	
ACTIVITIES	
Future Leaders of Latin America (FLLA) University of Michigan.	Fall 2011, Winter 2012
MPowered, Startup Weekend Organizer University of Michigan.	Fall 2011, Winter 2012
CSE Scholars University of Michigan.	Fall 2011, Winter 2012

Tau Beta Pi	
Intramural Soccer Team	Fall 2010 - Present

AWARDS AND ACHIEVEMENTS

University of Michigan	Ann Arbor, Michigan
University Honors	Fall 2010, Winter 2011, Fall 2011
Dean's List	Fall 2010, Winter 2011, Fall 2011
William J. Branstrom Freshman Prize	Winter 2011
Scholar Power Student Honorees: New Student Achievement.	Winter 2011
CEDO Scholar Power Student Honorees: Undergraduate Achievement	Winter 2012

COMPUTER SKILLS

Languages: C++, MATLAB, Java, C, Assembly (Verilog).

LANGUAGES

English (Fluent), Spanish (Fluent), German (Proficient)

Michael Bader
1856 Hendrick Rd., Muskegon, MI 49441
(231)286-4081
mjbader@umich.edu

OBJECTIVE

To develop my programming skills and get experience in the industry by obtaining an internship during May through August 2012.

SKILLS

- Programming Languages: Python, Java, C++, C, C#
 - Scripting/Web related languages: HTML, CSS, Flash, XML, Javascript
 - Environments: Windows, Linux
-

EXPERIENCE

Coursework

University of Michigan

- *EECS 281: Data Structures and Algorithms*
- *EECS 398: Introduction to Computer Security*
Covering security based topics such as encryption, SQL injections, XSS, DDOS, IP spoofing, Buffer overflows.
- *EECS 482: Introduction to Operating Systems*
Covering topics regarding multi-threading, memory management, client-server systems, and file systems and projects in C++ implementing them.
- *EECS 481: Software Engineering (currently taking)*
- *EECS 441: Mobile App Development for Entrepreneurs (currently taking)*
- *EECS 493: User Interface Development (currently taking)*

Projects

- <http://www.newizoom.appspot.com/> - Hardware Retailer comparison tool that compared products on different websites by parsing the HTML to get the product data and output its findings in HTML with CSS formatting. **Finished in Winter 2010.**
- Spirit Realm RPG – A 2D RPG under the direction of Wolverine Soft. Working on a team consisting of artists, musicians, programmers, and game designers. The game is implemented using Microsoft's XNA game engine. **In progress, started Fall 2011.**
- Xchange – An Android app that allows the user to take a picture of loose change and the app will count the amount of change on the screen. Hope to aim it for both an educational and practical approach. **In progress, started Winter 2012.**
- Recess – Working with other students in EECS 481 to develop a platform developed on the XNA gaming engine to facilitate the creation and distribution of a variety of Kinect games targeted to children who have Autism Spectrum Disorder. **In progress, started Winter 2012.**

Miscellaneous

- Linux Router/Firewall – Assembled from a 6 year old computer. Runs the Linux distribution Arch Linux. Firewall implemented using Shorewall, a frontend for iptables. Also runs Squid Web proxy which has virus scanning capabilities with HAVP and ad blocking capabilities using adzapper. Wireless capabilities through a wireless adapter in master mode using hostapd.

Organizations

- University of Michigan Japanese Animation Film Society: 2010 – Present
 - Wolverine Soft: 2011 – Present
 - CSE Scholars: 2011 – Present
-

EDUCATION

University of Michigan, Ann Arbor, MI 48109
8/09 (Started) – 12/12 (Expected graduation date)
Major: Computer Science
GPA: 3.16

MICHAEL J. COPE

1900 McCormick Dr.
Rochester Hills, MI 48306
248.894.0325
mjcope@umich.edu

OBJECTIVE

Obtain job experience and contribute quality work in a computer science summer internship.

EDUCATION

<i>Relevant Courses</i>	Java Foundations of Computer Science Intro Logic Design German for Engineers Algorithms	Programming in C++ Data Structures and Algorithms Discrete Mathematics Technical Communications
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COMPUTER SCIENCE PROJECT EXPERIENCE

- Desktop search engine in C++.
 - Linking websites by shortest server distance using bitsets and Prim's algorithm in C++.
 - Project using Greedy, Prim's, and Branch and Bound for TSP problem in C++.
 - Side-scroller video game in JAVA.
 - Algorithms for navigating a map using stacks and queues.
 - Read a text file and find all anagrams in C++.
 - Simulation for the game "Sorry" in C++, using structs, enums, and arrays.
 - Blackjack simulation in C++, using abstract data types, interfaces, and inheritance.
 - Reverse polish calculator in C++, using doubly linked list, stacks, and queues.
 - Various projects in Matlab and Verilog
 - File input GUI project in JAVA.

WORK EXPERIENCE

- University of Michigan League Catering, Ann Arbor, MI July 2009 – Present
Caterer - Prep food, set tables, serve and clear food and drinks.
 - Rochester Adams High School, Rochester, MI July 2008 – Aug. 2008
Camp Instructor - Coached elementary and middle school students in a day time basketball camp.
 - Rochester Hills Little League, Rochester, MI Apr. 2007 – July 2008
Field Manager - Prepared and managed baseball fields.

EXTRACURRICULAR ACTIVITIES

- CSE Scholars
 - Leadership Training, New Life Church
 - Detroit school and park clean-up and painting
 - Tech Leader for church video/sound equipment set-up team
 - Hurricane Katrina Volunteer – home repairs in Mississippi
 - Basketball, Rochester Adams High School
 - Senior Class President, Rochester Adams High School

October 2010 – Present
July 2008 – Aug. 2008
Sept. 2008 – July 2009
Sept. 2006 – June 2008
April 2008
Nov. 2005 – Mar. 2008
Aug. 2007 – May 2008

Michael Stratman

Present Address 1520 Hill St Ann Arbor, MI 48104 USA

Permanent Address 624 Parkside Court Chelsea, MI 48118 USA

Present Phone (734) 883-7499

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Objective

To obtain a full time job in the field of computer science, utilizing my experience, and passion for programming.

Education

University of Michigan, Ann Arbor, MI (**Graduating May 2013**)

3rd Year Engineering Student: Overall GPA: 3.37/4.00

Major: Computer Science: Major GPA: 3.42/4.00

Engineering Dean's List Winter 2010, Fall 2011

Relevant Coursework

EECS 381 Advanced and Object Oriented Programming – W12

EECS 370 Computer Architecture – F11

EECS 281 Algorithms and Data Structures – F11

EECS 270 Logic Design, Digital Circuits - W11

EECS 280 Introduction to Data Structures and Memory Management - F10

Work Experience

Cisco Systems San Jose, CA

Summer 2012

Software Engineering Intern

- TBD

AET Integrations Wixom, MI

Summer 2011

Software Developer Intern

- Developed database software using VB.NET and SQL CE

- Software was used to organize steel welding records for three large automotive companies

- Features: Search and retrieve records, create Excel reports from data records, visualize database using a data density map and various data management tools

Skills

Languages

- C, C++, Java, MySQL, Microsoft SQL Server, PHP, Visual Basic, Verilog

Platforms

- Android, Windows .Net, Linux, Mac OSX

Software

-Xcode, Eclipse, Visual Studio, Photoshop, Flash

Projects

TedxUofM App (Winter 2012) – Developing an Android application to be used by guests attending the

2012 TedxUofM conference. Users are able to view an interactive list of speakers, share contact information via Bump, check and see what other guests are saying on Twitter as well as control an interactive art display at the conference.

EECS 381 Project (Winter 2012) – Developed a piece of software in C that made use of generic containers and methods of performing object orientated programming in C to make a media library management program.

Skatabase (Fall 2011) – Co-founded a company called Skatabase. Skatabase is a website/mobile app that allows users to add and search for skateboarding spots. Users can also start “sessions” which lets all their friends know where they are skating. Plan to implement a way for users to record skate routes so they can race against friends.

Activities

CSE Scholars – A student group that gives back to the CSE department and the community. Volunteered at Brighmoor Detroit, helped reuse building materials from abandoned houses to rebuild and beautify the neighborhood.

TedxUofM- Put on a conference to showcase the most fascinating thinkers and doers associated with the University of Michigan.

House Cook - Every week organize and prepare dinner for 50 people.

Patrick Korth

6223 Douglas House, Burlsey Hall
1931 Duffield, Ann Arbor, MI, 48109

pkorth@umich.edu
(517) 980-3060

EDUCATION

University of Michigan, Ann Arbor, MI
B.S.E., Computer Science, expected May 2015
Current GPA: 3.8/4.0

Okemos High School, Okemos, MI
Diploma, June 2011
GPA: 3.7/4.0

SKILLS

Computer: Windows XP & 7, Linux, Microsoft Word & Powerpoint
Programing Language: C++, MATLAB, familiar with ActionScript, Java
Language: Basic Spanish

EXPERIENCE

Software Developer (Summer of 2009 & 2010, Fall & Winter 2010)

MSU Department of Radiology, East Lansing, MI

- Designed and programmed an extensive Flash game for a grant-funded program educating underprivileged youth about nutrition
- Developed a series of four educational Flash games which were later published to the department's website

IT Support Staff (Summer of 2007 & 2008)

MSU Department of Radiology, East Lansing, MI

- inventoried and sorted main equipment storage using MS Excel
- Set up workstations, upgraded and maintained computers

ACTIVITIES

CSE Scholars (Fall 2011 to Present)

University of Michigan

- AP Computer Science course: co-administrating a project aimed at offering a free AP CS course to nearby high schools by Fall 2012
- Volunteer work, including working at the Brightmoor Community Garden in Detroit, MI

Tech Day 2012 Planning Committee (Winter 2011 to Present)

University of Michigan

- Food and Hospitality: organize and administer food service for over 1000 guests at University of Michigan Tech Day in October 2012; plan and arrange catering for weekly team meetings

Michigan Autonomous Aerial Vehicles (Fall 2011 to Present)

University of Michigan

- Team member: Navigation sub-team

Varsity Ice Hockey (2008-2011)

Okemos High School Marching Band / Philharmonic Orchestra (2007-2011)

Aurora Literary and Arts Magazine - Editor (2009-2011)

AWARDS

Life Scout - Boy Scouts of America (2011), AP Scholar with Distinction (2011), National Merit Commended Scholar (2010)

Patrick Theisen

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Objective	Internship for the summer of 2011 in a field related to software development or computer science.	
Education	University of Michigan , Ann Arbor, MI <i>B.S.E in Computer Science</i> GPA: 3.921/4.0 Dean's List: Fall 2009, Winter 2010, Fall 2010 <i>National Merit Finalist</i> <i>University of Michigan Regents Merit Scholarship</i> Courses: Discrete Mathematics, Programming and Introductory Data Structures, Data Structures and Algorithms, Introduction to Computer Organization	<i>May 2013</i>
Experience	Instructional Support Services , University of Michigan <i>Engineering Facilitator</i> ◆ Assisted in planning and organizing training week for more than 20 new employees ◆ Involved in managing and hiring new student employees ◆ Conducted one on one technical training with new hires ◆ Involved in AV projects and tech support for over 200 classrooms <i>Media Assistant</i> ◆ Provided general customer service to Michigan students, staff, and faculty ◆ Resolved in-classroom AV issues ◆ Inventoried and managed University equipment Busch's Grocery Store South Lyon, Michigan <i>Service Clerk</i> ◆ Responsible for general customer service and store upkeep	<i>June 2010 - Present</i> <i>August 2009 - June 2010</i> <i>August 2007 - August 2009</i>
Technical Skills	◆ Programming Languages: C/C++ ◆ Proficient in Microsoft Office and Adobe Creative Suite	
Activities/Awards	University of Michigan “1000 Pitches” Entrepreneurship Competition ▫ Winner in Mobile Applications Category Tau Beta Pi Engineering Honor Society: Member ▫ Book Swap Project Chair <ul style="list-style-type: none">• Coordinated Textbook Exchange for College of Engineering• Managed sale of over \$20,000 in books ▫ Community Service <ul style="list-style-type: none">• Volunteered teaching Engineering to elementary school students. M-Agination Films Student Film Group: Member Michigan CSE Scholars: Member	<i>December 2010</i> <i>September 2010- Present</i> <i>September 2010- Present</i>

ravipati@umich.edu

TEJA RAVIPATI

Ph: 248-961-2875

22595 Autumn Park Blvd., Novi, MI 48374

PROFILE	Highly motivated programmer with strong technical and analytical skills, eager to create world-class solutions. Concerned with quality as well as quantity. Team player, easy to work with.	
EDUCATION	University of Michigan , Ann Arbor, MI B.S.E., Computer Science Engineering, G.P.A.: 3.98/4.00 Minor in Mathematics Courses: Data Structures and Algorithms, Foundations of Computer Science, Numerical Methods, Discrete Math, Mathematics of Finance, Probability and Statistics, Solid Mechanics, Linear Algebra, Multivariable Calculus	Expected completion: April 2013
PROFESSIONAL EXPERIENCE	Application Developer Intern Asset Management Division at JPMorgan Chase & Co. Responsible for the development of the web-based user interface used to present data stored in an internally used database utilizing Spring MVC framework and Apache Tomcat server. <ul style="list-style-type: none">Built the technical architecture of the project by laying down the structure and environmental elementsDisplayed data returned for API calls to the web service in Master-Detail style JGrid tablesImplemented search capability using Apache SolrIntegrated JQuery dropdown menu to allow for easy access of data from all pages of the interfaceFormatted tree-structured data into an JQuery icicle graphDesigned JUnit test cases to verify the performance of the interface	June 2012 - August 2012
	Core Services Software Intern Visteon Corporation Responsible for the maintenance and improvement of several key PC utilities that support the run-time software architecture of the audio/ infotainment platform, requiring knowledge of several programming languages, compilers, and environments. Expected to complete the first phase, but completed all three phases of the project. <ul style="list-style-type: none">Migrated compiling of C files and linking of object files from a MSVC++ IDE to a more flexible makefile approach in generating radio utilitiesExtracted common functions from the existing utilities and updated all the utilities to use these newly consolidated common functionsIntegrated the MCPP preprocessor into utilities to considerably reduce human errors by internalizing several processesUpdated radio makefile to rely on newly created utility and other file dependencies which reduced the run-time by approximately 50%	May 2011 - August 2011
ACADEMIC PROJECTS	Music Factory: Created a fun, educational game to assist in the rehabilitation of physically impaired patients at Mott Children's Hospital Particle Filtering: Developed a program in MATLAB to generate a probability distribution function of the most likely location of an object based on data collected from sensors TableSat: Utilized C++ programming to rotate fans attached to hardware at various speeds by considering physical constraints such as friction and gains of the velocity	
COMPUTER SKILLS	<i>Languages:</i> C++, Java, C, HTML, JavaScript, MATLAB, Visual Basic, Q Basic, Linux, DOS, Shell, Maven, GNU Make, Phrogram <i>Frameworks:</i> Spring MVC, Android Development <i>Applications:</i> Apache Tomcat, Apache Solr, Microsoft Visual Studio, Green Hills Software Cross Compiler, MAPLE	
ACTIVITIES	Central Student Government CSE Scholars	November 2011-April 2012 January 2011-Present



Renjay Liu

Permanent: 5191 Hertford Dr., Troy, MI 48085
Campus: 3518 Stockwell 324 Observatory, Ann Arbor, MI 48109
Uniqname: renjay
248.667.8245
renjay@umich.edu

Education

University of Michigan College of Engineering (class of 2014)

- Major: **Computer Science Engineering** (GPA: 3.767/4.000)
- Minor: **Economics** (GPA: 3.70/4.00)
- Overall GPA: 3.493/4.000
- Leadership Experience: Asian InterVarsity Christian Fellowship (Event Planner 2011-Present), CSE Scholars (Secretary 2011-Present), Alternative Investments Club (Vice President of Information Technologies 2011-Present)
- One of 120 freshmen given preferred admission to the Ross School of Business
- University Honors (Winter 2011, Fall 2011)
- Siemens Science, Math, and Technology Competition Regional Finalist (2009)

Technical Experience

Mobile - **Mobile App Project** (Co-founder, Entrepreneur, Programmer. January 2012 - Present)

- Java, Windows Phone, Android, C++, C
- Currently in the learning stages, a work in progress.
- Team project for the development of mobile application for submission to the Android Market and Windows Phone Marketplaces
- A Bluetooth application to seamlessly connect and transfer data enhancing user experiences in various ways.

Website - **Michigan Alternative Investments Club** (VP of Technology. January 2011 - Present)

<http://michiganaic.com>

- PHP, MySQL, HTML, CSS3, JavaScript (JQuery) technologies
- Built completely from scratch a system to handle user logins, easily add new modules, post content, hold user information, assist club operations
- User base: ~150 college students who actively use the website to watch for new events and manage competition submissions
- Demonstrates ability to work independently as the programmer within time and resource restraints

Website - **Troy High School Project LEAD** (Programmer. September 2008 - Present)

<http://thsprojectlead.com>

- PHP, MySQL, HTML, CSS3, JavaScript (JQuery) technologies
- Emphasis on user friendliness for use and administration by high school students.
- Built completely from scratch a system to track member points, handle user logins, post content, hold user information
- User base: ~100 high school students who actively use the website to pull points and information

Website - **Kresge Hearing Research Institute** (Computer Consultant. September 2010 - May 2011)

<http://www.khri.med.umich.edu>, <http://www.oto.med.umich.edu>

- HTML, CSS3, JavaScript (server restricts server-side scripting)
- Department of Otolaryngology (OTO) site built completely from scratch on a team of three people under the general directions of a committee.
- The Kresge Hearing Research Institute (KHRI) site was continuously maintained and iterated upon.
- The OTO site built with the interest of patients in mind, simplifying the search for medical solutions

Programming Knowledge

Languages: PHP, HTML, JavaScript (JQuery), MySQL, C/C++

Learning: Java, Android, Windows Phone

Software: Windows, Office, Adobe Dreamweaver, Adobe Photoshop, Visual Studio, Google

Computer Science Classes

- EECS 183 (Elementary Programming Concepts - C++)
- EECS 203 (Discrete Mathematics)
- EECS 280 (Programming & Elementary Data Structures - C++)
- EECS 281 (Data Structures & Algorithms - C++) - Winter 2012
- EECS 370 (Introduction to Computer Architecture - C) - Winter 2012

Rebecca Gebhard

University of Michigan
Ann Arbor, MI 48109-1316
rlgeb@umich.edu

3444 Brophy Rd
Howell, MI 48855
517-672-2709

Education

University of Michigan, Ann Arbor, MI *September 2010 - December 2013*

- GPA: 3.02/4.0
- BSE, Computer Science, College of Engineering
- Economics Minor, Program in Entrepreneurship
- Relevant Coursework:
 - Programming & Data Structures (*EECS 280*)
 - Data Structures & Algorithms (*EECS 281*)
 - Foundations of Computer Science (*EECS 376*)

Michigan State University, East Lansing, MI *September 2009 - May 2010*

- GPA: 3.75/4.0
- Relevant Coursework (Dual Enrollment):
 - Programming (*CSE 231*)
 - Accounting (*ACC 230*)

Experience

Google Fuse Program, New York, NY *July 2011*

- 1 of 50 computer science majors selected
- Work on Web & Android Applications

GE Aviation Systems, Grand Rapids, MI *May 2011 - August 2011*

- EID Engineering Internship
- 737B project: FMS (Flight Management Systems) - Software Engineering

University of Michigan 3D Lab, Ann Arbor, MI *November 2010 - May 2011*

- Web Developer - backend using MySQL & PHP, frontend using JavaScript, CSS, HTML
- Part-time during the school year, 20+ hours/week

Skills

- Technology: C++, C#, ADA, Python, VB, PHP, MySQL, HTML, CSS, JavaScript, Ajax, XML, json, SVN, CSV, SharePoint, Office, Dreamweaver, CAD

Leadership/ Community

gEECS & CSE Scholars, University of Michigan *September 2010 - Present*

- gEECS is Girls in EE and CS, networking with other CSE majors and companies
- Volunteer work such as soup kitchens, promote CS, learning workshops, tutoring

Women in Computing, Michigan State University *September 2009 - May 2010*

- Promote computer science to girls / HTML & ALICE workshops

Prashanth Sadasivan

Objective

Summer Internship related to the Computer Science, Computer Engineering, or Information Technology fields

Education

University of Michigan-Ann Arbor, MI

Bachelor of Science in Engineering: Computer Science Engineering, May 2013

Cumulative GPA: 3.389 Class Level: Sophomore

Relevant Courses

- ENGR 101: Intro to Engineering Programming (C++/MATLAB)
- ENGR 100: Music and Microprocessors: An Introduction to Computing Systems (Verilog/Quartus)
- PHYSICS 240: Electricity and Magnetism
- EECS 280: Programming and Intro to Data Structures (C++)
- EECS 203: Discrete Mathematics
- MATH 425: Intro to Probability

Projects

- Programmed a simulation for the board game “Sorry” which simulates an entire game, given a specified board and deck, using pointers, heterogeneous data types, and file input/output.
- Designed a digital circuit using Verilog and the Altera DE2 board, which implements the Rot13 algorithm to scramble simple strings stored in memory.
- Programmed, and designed a vocal effects processor to modify sound of recorded voice using assembly code for e100 processor, and the Altera DE2 Board.

Languages

- C/C++, Verilog, UNIX, Assembly, SQL, VBA for MS-Access, HTML

Previous Relevant Work Experience

6/2/10— 8/13/09

Bristol Myers Squibb

New Brunswick, New Jersey

Summer Intern: Database Design

Designed and created a database with GUI using Microsoft Access, SQL, and VBA to help maintain GMP Compliance related to personnel training.

Leadership and Involvement

Member, Club Ultimate Frisbee Team. (09/2009-05/2010)

Member, Indian American Student Association (09/2009-Present)

Member, CSE Scholars(09/2010-Present)

Member, M-HEAL(09/2010-Present)

Syed Hasan Jamal

● 1929 Plymouth Road, Apt. 5028, Ann Arbor, MI 48105 ● 734.678.2561 ● shjamal@umich.edu

EDUCATION

University of Michigan - Ann Arbor

BSE in Electrical Engineering

Cumulative GPA: 3.1/4.0

September 2008 - April 2012

- Embedded Control Systems*
- Advanced Signal Processing*
- Digital Communication Signal and Systems
- Digital Signal Processing Laboratory
- Digital Logic Design

- Electric Machinery and Drives*
- Control Systems Analysis and Design
- Electronic Circuits
- Digital Signal Processing and Analysis
- Programming Introductory Data Structures

*currently enrolled

RELEVANT EXPERIENCE

Trelleborg Automotive USA, Inc. - Bloomfield Hills, Michigan

Advanced Engineering Summer Intern

May 2011 - August 2011

- Programmed and tested controller for an Active Vibration Cancellation System for automobiles
- Installed Active Vibration Cancellation harness in multiple vehicles for testing
- Successfully reduced effects of vibration and cabin noise level by 5 dB

Digital Signal Processing Laboratory (EECS 452) - Ann Arbor, Michigan

Major Design Experience Class

January 2011 - April 2011

- Designed and implemented a communication system between computer, FPGA, processor and wireless robot
- Integrated wireless RF modules to transmit op-codes to control wireless robot
- Implemented a digital signal processing algorithm in a memory-constrained environment

Undergraduate Research Opportunity Program - Ann Arbor, Michigan

Development of Radar and Radiometer Technology

September 2010 – April 2011

- Conducted acceptance tests on various components using a network analyzer
- Designed a wiring scheme for installation of components on metallic heat-sink plate
- Constructed and tested the front stage of an L-band board for use in a radiometer device

HONORS AND ACTIVITIES

Awards

- Outstanding Epeians Initiate (Engineering Leadership Honor Society)
- Outstanding Presenter Award at the 2011 UROP Research Forum

December 2011

April 2011

Professional Development:

- **Computer Science and Engineering Scholars Club - Ann Arbor, MI**
President, December 2011 - Present
 - Restructured organization to work more efficiently
 - Organizing and executing social, corporate and volunteer events with executive board members
Vice President, September 2011 - December 2011
 - Organized and ran college wide tutoring program for EECS students
- **Epeians (College of Engineering Leadership Honor Society)**
December 2011 - Present
 - Responsible for managing organization's financial status and bank accounts

COMPUTER SKILLS:

Languages: C, C++. Moderate experience with Verilog and VHDL

Software: MATLAB, Simulink, Stateflow, Visual Basic, Maple, Microsoft Office, Adobe Photoshop

LANGUAGE SKILLS:

Fluent in Urdu and Hindi. Some conversational Punjabi

Steven M. Czabaniuk

Home Address

10810 Indianola
Whitmore Lake, MI 48189
Home: (810)-231-3312
Cell: (734)-678-6408

Campus Address

West Quadrangle – 220 Michigan House
541 Thompson
Ann Arbor, MI 48109
stevecz@umich.edu

Objective: Seeking an internship during the summer of 2012 with the primary goal of contributing to the organization and gaining experience in the field of computer science.

Education:

University of Michigan GPA: 3.724 September 2010 – Current

College of Engineering

Expected Graduation: April 2014, B.S.E. in Computer Science; Mathematics Minor

Relevant Coursework:

- EECS 203: Discrete Mathematics
- EECS 280: Introductory Data Structures, Computer Programming (C++)
- EECS 281: Data Structures & Algorithms
- EECS 376: Foundations of Computer Science
- Entrepreneurship Seminar

Honors and Awards:

- Dean's List – Fall 2010, Winter 2011, Fall 2011
- University Honors – Fall 2010, Winter 2011, Fall 2011

Pinckney Community High School GPA: 3.99 September 2006 – June 2010

Relevant Coursework:

- IT Computer Systems, Advanced Placement Calculus

Honors and Awards:

Salutatorian

Kensington Lakes Scholar Athlete Award

Experience:

Mathnasium LLC Instructor	2011 - 2012
Math tutor	
Dance Marathon at the University of Michigan Team Captain	2011 - Current
Lead team of participants in activities such as fundraising	
Yearbook Editor and Business Advertising Co-Manager	2008 - 2010
Sold advertising, edited peer's work, ensured deadlines were met	
Student run company President	2009 - 2010
Prepared/facilitated meetings, prepared annual report	
Dance Marathon at the University of Michigan Group Leader	2009 - 2010
Trained volunteers, worked through duration of 30-hour marathon	

Activities:

Computer Science & Engineering Scholars	2011 - Current
Michigan Tech Day	2010 - Current
Campus event to recruit prospective engineering students	
Dance Marathon at the University of Michigan	2009 - Current
Non-profit student run organization that raises money for pediatric rehabilitation	
Pinckney High School Yearbook Staff	2008 - 2010
National Honors Society	2009 – 2010
Pinckney High School Student Government	2009 – 2010

OBJECTIVE: Seeking a full-time position as a computer engineer with a strong interest in computer architecture and embedded systems.

EDUCATION:

University of Michigan, B.S.E. Computer Engineering

April 2011

JOB, VOLUNTEERING AND OTHER EXPERIENCES:

U. of Michigan Class Development and Independent Research, June	2010 – Present
• Implementing lab for new class, Advanced Embedded Systems	
• Created library tracking robot	
• Integrated serial drivers and tracking code to create end user experience	
U. of Michigan Mars Rover Project	2007 – Present
• Senior Electrical Team Leader	
• Developing control systems and communications	
Infrastructure and Networking Analyst Intern, 454 Life Sciences,	June-August 2009
• Worked with people to solve a diverse set of problems	
Michigan Student Artificial Intelligence Laboratory, RoboCup,	2008 – 2009
• Developed “mental map” module for robot	
Keck Biotechnology Laboratory, Medical School, Yale University,	2003/2006/2009
• Created automated process for data manipulation	
GraphLogic Inc., Branford, CT	July - August 2004
• Tested LIMS software and documented problems for software developers	

RELATED COURSES AND SKILLS:

EECS 470 Computer Architecture – Major Design Project

- Used Verilog to create an 8-way Hyper-Threaded processor

EECS 427 VLSI Design – Major Design Project

- Designed a 16-bit RISC microprocessor
- Used CAD tools to create schematic and layout of ICs

EECS 570 Parallel Computer Architecture

EECS 461 Embedded Control Systems

- Implemented microprocessor based control systems to interface with haptic device
- Modeled of dynamic systems with MATLAB, Simulink and Stateflow

EECS 373 Embedded Systems

- Hardware/software microcomputer interfacing with digital logic design/implementation, digital development equipment and assembly language

EECS 370 Computer Organization

- Datapath and control for multiple implementations of a processor, including performance evaluation, pipelining, caches, virtual memory and IO

EECS 312 Digital Integrated Circuits

- Analyzed and designed digital circuits in various logic families
- Software lab work with HSPICE

EECS 320 Intro to Semiconducting Devices, EECS 498 Smartphone Programming, EECS 280 C++ programming, EESC 270 Logic Design, EECS 203 Discrete Math

Programming and Software: C/C++, MATLAB, Simulink, Verilog, Assembly, MS Office (Word, PowerPoint, Excel), Maple, Mathematica

Tingshen Chen

6802 Renita Lane
Bethesda, MD 20817

Cell: (240) 535-3013
Email: tingshen.chen@gmail.com

Education

University of Michigan, College of Engineering
Bachelor of Science, Computer Engineering
GPA: 3.35

April 2014
Ann Arbor, MI

Program in Entrepreneurship (PIE)

Academic program exposing engineers to the entrepreneurial process and mindset

Coursework

Data Structures & Algorithms, Circuits, Logic Design

Work Experience

Maryland International Incubator (MI2)
Intern - IT Department

May 2011-August 2011
College Park, Maryland

- Reconfigured network card and printers to enable interoffice printer sharing
- Re-enabled internet connectivity of Ethernet ports and increased wireless signal range
- Assisted international clients by initializing legal documents to start a LLC and contacted IRS to obtain EIN number
- Recruited, interviewed, and trained other incoming interns based on client's requirements
- Diagnosed and fixed legacy hardware issues and provided technical support to clients
- Translated Chinese documents and provided verbal translation during seminars

Center for Excellence in Education (CEE)
Administrative Assistant

June 2010 – August 2010
McLean, Virginia

- Designed certificates to award students who have succeeded in the Research Science Institute (RSI)
- Organized and digitalized documents of RSI participants into PDF documents
- Uploaded digitalized documents into CEE's private network for easier file collaboration
- Researched and planned flights to reduce company's costs and planned staff member's work agenda
- Scheduled meetings with company sponsors and clients to meet with staff members

Technical Skills

Programming Languages: C++, Matlab, Phrogram, Verilog

Familiar Operating Systems: Windows, Linux

Applications: MS Office, MS Visual Studio, Adobe Photoshop, Quartus, MultiSim

Activities & Interests

CSE Scholars (September 2011 - Present)
MPowered (Mobile App Team) (September 2011 - Present)
Muay Thai Club (September 2010 - Present)
Cuong Nhu Karate (Instructor) (February 2010 - Present)
Other: Art & Design, Martial Arts, Practicing Mandarin and Chinese Culture, Meditation

ANTHONY LUCCHESI

Present Address: 701 E. University, 001 Hayden, Ann Arbor, MI 48109

Permanent Address: 3012 Forest Lake Drive, Westlake, OH 44145

440-382-9672 • tlucc@umich.edu

COMPUTER ENGINEERING STUDENT

Self-motivated engineering student seeking internship in the computer engineering field. Industrious worker with positive attitude, exceptional organizational skills and professional demeanor. Demonstrated ability to master new skills quickly and work autonomously or as a supportive team player. Adept at multi-tasking in high-pressure work environments. Comfortable working with diverse socio-economic groups and cultures.

EDUCATION

University of Michigan ~ Ann Arbor, Michigan

College of Engineering Class of 2013

3.48/4.00 GPA. Relevant coursework: EECS 270, EECS 203, EECS 280, EECS 215

Saint Ignatius High School ~ Cleveland, OH

RELATED WORK EXPERIENCE

UNIVERSITY OF MICHIGAN – Ann Arbor, MI

SEPTEMBER 2009- PRESENT

Webmaster/Member, Michigan Concrete Canoe Team

Maintained and updated team website. Assisted in research, design, building and racing of canoe. Operated lab equipment and mastered logistics of running a team and building molds.

Webmaster/Counselor, Michigan Community Scholars Program

Upgraded and maintained community website. Guided first-year students with academic decisions. Worked with students on community service-related projects and resided with them in residence hall.

Research Assistant/Developer, Lecture Tools

Collected and analyzed client responses about LectureTools, an online note taking/academic organizing software. Worked extensively with Microsoft Excel and Zoomerang.com. Created focus groups to understand clients' opinions about features in LectureTools. Assisted in developing the streamlined, final prototype of LectureTools. Assisted in researching LectureTools' effect on learning.

Secretary, CSE.Scholars

Assisted in organizing and running events throughout the semester. Kept society organized by keeping meetings timely and attendance/email list up-to-date.

VOLUNTEER EXPERIENCE

ALTERNATIVE WEEKENDS – Detroit, MI

SEPTEMBER 2009-PRESENT

Leader

Organized volunteers monthly to aid Detroit neighborhoods. Repaired buildings and cleaned up abandoned lots. Created and displayed signs with positive messages to spread cheer throughout the neighborhood.

ST. BENEDICT JOSEPH LABRE MINISTRY – Cleveland, OH

2007-2009

Leader

Led effort to organize food preparation and delivery to Cleveland's homeless. Demonstrated commitment to lead effort every Sunday evening.

EL SALVADOR MISSION TRIP – San Salvador, El Salvador

JUNE 08

Participant

Traveled to El Salvador to learn about and help correct social justice issues and provide emotional support.

COMPUTER SKILLS

Proficient in C++ and HTML, Linux Operating System

Other Activities: Michigan Engineering Tour Guide, Swirl Cupcake Co., Abercrombie & Fitch

Travis O'Sullivan

(734) 536-4349 | tsullyo@umich.edu

Permenant Address: 29615 Grandon, Livonia, MI 48150

Local Address: 541 Thompson St, 305 Rumsey House, Ann Arbor, MI 48109

Objective

Seeking a challenging internship position from May 2011 through August 2011 which utilizes computer programming and design skills so that I might gain further experience in the field and expand my potential career opportunities upon graduation.

Education

UNIVERSITY OF MICHIGAN – ANN ARBOR, MI

B.S.E in Computer Science Engineering, December 2011

GPA: 2.8

- ◆ EECS 482 – Operating Systems
- ◆ EECS 492 – Introduction to Artificial Intelligence
- ◆ EECS 398 – Introduction to Computer Security
- ◆ EECS 376 – Theory of Computation
- ◆ EECS 370 – Computer Organization & Architecture
- ◆ EECS 281 – Data Structures & Algorithms
- ◆ EECS 484 – Database Management Systems (Winter '11)
- ◆ EECS 498 – Smartphone Programming (Winter '11)

Technical Skills Summary

- ◆ Familiar with C++, C, Java, Python, Visual Basic
- ◆ Comfortable on all major Windows Environments and many UNIX distributions
- ◆ Highly proficient in Microsoft Office 2003/2007/2010 programs
- ◆ Experienced in the use of IDEs such as Eclipse and IntelliJ Idea

Professional Experience

WORKFORCE SOFTWARE – LIVONIA, MI

Software Development Intern

May '10 – August 2010

- ◆ Created an independent java package which would be integrated into the company product and would be used to fully obfuscate a client database according to a customer defined configuration that supports both Oracle and SQL Server
- ◆ Fully formed this project from functional specification to implementation in order to define multiple classes and the relationships between them

Leadership Experience

UNIVERSITY OF MICHIGAN – ANN ARBOR, MI

Resident Advisor – West Quadrangle

March '09 - Present

- ◆ Created and maintained working and personal relationships with 30 residents and 42 staff members in order to build a cohesive community
- ◆ Assessed and addressed the needs of both individuals and the community as a whole in order to ensure the continued productivity of each member of the hall

Executive Board Member – West Quadrangle Hall/Multicultural Councils

2008-2009

- ◆ Opened the lines of communication between two prominent forms of student government in my residence hall culminating in the organization of a trip for 55 people to attend the inauguration of President Barack Obama

Member of Computer Science Engineering Scholars

August 2010 - Present

Tyler Howell

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Ann Arbor, MI 48104
248-379-8285
tyhowell@umich.edu

Objective: I am seeking a challenging, flexible summer internship that will provide me with hands-on experience while applying my skills to help create or develop material that will better the division that I work with.

Education:

- University of Michigan, Ann Arbor, MI
 - B.S.E., Computer Science, College of Engineering

Anticipated Graduation: May 2013

Current GPA: 3.6/4.0

Technical Competencies:

- Accelerated Programming in C++, C, Java, Matlab, SQL, QT Development Framework
- Software: MS Office, Windows and Linux OS
- Secret Security Clearance Level (DoD Issued)

Work Experience:

- University of Michigan Naval Reserve Officer Training Corps
 - Administrative Officer
 - Handled day to day operations of 120 Midshipmen
 - Constructed and published Weekly and Daily schedules
 - Platoon Sergeant

August 2009 - Present

Leadership Experience:

- Introduction to Computer Programming Study Group Leader
 - Created material to enhance and emphasize course subject matter
- Platoon Sergeant
 - Led twenty Midshipmen and was responsible for every aspect of their welfare
 - Spoke regularly to groups between 20 and 40 Midshipmen

September 2011 – Present

December 2010 – May 2011

Community Involvement:

- Computer Science Engineering Scholars
 - Community Service events including Brightmoor Gardens in Detroit, Food Gatherers Soup Kitchen, Relay for Life, Michigan Tech Day, and North Campus Service Day
- Food Gatherers
 - Weekly shifts making local food runs and warehouse assistance
- Autism Speaks U
 - Judson Center – Kid's Night In, Fundraiser Basketball Tournament

January 2011 - Present

June 2011 – August 2011

September 2009 – December 2011

Course Work:

- Discrete Mathematics
- Foundations of Computer Science
- Data Structures and Algorithms
- Database Management Systems
- Introduction to Computer Organization
- User Interface Development

Honors:

- College of Engineering Dean's Honor List – Three out of five semesters
- Naval ROTC Midshipman of the Month – Twice awarded
- Highest ranked Midshipman in Commissioning Class of 2013- Two semesters

William Beyer

6231 Kings Shire Rd. ♦ Grand Blanc, MI 48439 ♦ 810-516-2801 ♦ wbeyer@umich.edu

OBJECTIVE	To secure a computer engineering related internship position to enhance my programming and problem-solving skills.	
PERSONAL PROFILE	Analytical and detail-oriented student with academic experience in computer engineering seeking a summer internship. Two years experience with C++ as well as one year of experience with Java. Strong communication and leadership skills. Technically proficient in all Microsoft Office products, the Windows OS, and in depth knowledge of programming concepts including linked lists, polymorphism, and dynamic memory allocation.	
EDUCATION	University of Michigan , Ann Arbor, MI Pursuing B.S.E., Computer Engineering, GPA: 3.92/4.00	July 2009 – Present Graduation Date: May 2013
	Grand Blanc High School , Grand Blanc, MI GPA: 4.0/4.0	August 2005 – May 2009
WORK EXPERIENCE	University of Michigan Dining – Ann Arbor, MI <i>Customer Associate</i> <ul style="list-style-type: none">• Prepare and serve food to customers• Manage store inventory and restocking Tank Automotive Research Development and Engineering Center (TARDEC) – Warren, MI <i>GS-03 Engineering Intern</i> <ul style="list-style-type: none">• Helped to develop and deploy the TARDEC Training Catalog and Career Maps• Designed Visual Basic scripts to aid in the creation of an employee database Grand Blanc Community Schools – Grand Blanc, MI <i>Office Assistant</i> <ul style="list-style-type: none">• Maintained records of all freshmen students• Managed attendance hotline, recorded absences	September 2009 – Present
VOLUNTEER EXPERIENCE	Scouting for Food , Boy Scouts of America – Grand Blanc, MI <ul style="list-style-type: none">• Collected canned goods from our local area for donation to charitable organizations Troop Guide , Boy Scouts of America – Grand Blanc, MI <ul style="list-style-type: none">• Coached Scouts in their efforts to complete requirements for rank advancement Eagle Scout Service Project , Boy Scouts of America – Addison, MI <ul style="list-style-type: none">• Developed and organized a project to better the ecosystem of Silver Lake in Addison	1998-2010
AWARDS	Messerschmitt Scholarship University of Michigan Dean's List Eagle Scout Award Michigan Society of Professional Engineers Scholarship	August 2010 December 2009 – June 2010 November 2009 May 2009
ACTIVITIES	Eta Kappa Nu (HKN), Member Institute of Electrical and Electronics Engineers (IEEE), Member CSE Scholars, Member Michigan Student Artificial Intelligence Lab (MSAIL), Member	2010 – Present 2010 – Present 2010 – Present 2010 – Present

WILLIAM D. O. CUNNINGHAM

Cell: 810-689-4083 • Official: wcunning@umich.edu • Personal: wdocunningham@gmail.com
126 Depot Street, Ann Arbor MI 48104-1018

SKILLS	EDUCATION	
<p><i>Programming</i></p> <ul style="list-style-type: none">• C/C++• Java• Bash/Sh <p><i>Operating Systems</i></p> <ul style="list-style-type: none">• Linux (openSUSE, Ubuntu, Fedora)• Windows <p><i>Productivity Tools</i></p> <ul style="list-style-type: none">• Vi(m)• Git/SVN• Make• L^AT_EX• Microsoft Office	<p>University of Michigan <i>Ann Arbor, Michigan</i></p> <ul style="list-style-type: none">• Major: Computer Engineering, Junior• GPA: 3.311/4.000• Relevant Coursework: EECS 203: Discrete Math, EECS 270: Digital Design, EECS 280: Programming and Data Structures, EECS 281: Data Structures and Algorithms, EECS 370: Computer Organization <p>Washtenaw Community College <i>Ann Arbor, Michigan</i></p> <ul style="list-style-type: none">• GPA: 3.9/4.0• Transfer credit classes during the summer. <p>St. Clair County Community College <i>Port Huron, Michigan</i></p> <ul style="list-style-type: none">• GPA: 4.0/4.0• Transfer credit classes during high school.	<i>Sep. 2009 - Dec. 2012</i> <i>May 2010 - Aug. 2010</i> <i>May 2005 - May 2009</i>
PROJECT EXPERIENCE	RELEVANT EXPERIENCE	
<p><i>EECS 370:</i></p> <ul style="list-style-type: none">• Assembler for class processor• Simulator for class processor <p><i>EECS 281:</i></p> <ul style="list-style-type: none">• Path Planning Project• Sorting Algorithm Project <p><i>EECS 280:</i></p> <ul style="list-style-type: none">• A Sorry! Simulator	<p>APRIL Lab - Ann Arbor, Michigan <i>Autonomy, Perception, Robotics, Interfaces and Learning</i></p> <p>DSP Computer Vision</p> <ul style="list-style-type: none">• Worked on a project to offload computer vision algorithms to a single purpose embedded system using the TI OMAP3p platform and its C64x+ DSP core. <p>MAAV Team - Ann Arbor, Michigan <i>Michigan Autonomous Aerial Vehicle Team</i></p> <p>Embedded Subteam</p> <ul style="list-style-type: none">• Worked on an IMU Filter for the quadcopter• Assisted in designing the data pipelining• Server administrator	<i>June 2009 - Present</i> <i>Sep. 2010 - Present</i>
EMPLOYMENT		
	<p>EECS - DCO <i>Electrical Engineering and Computer Science - Departmental Computing Organization</i></p> <p>Student Administrator</p> <ul style="list-style-type: none">• Diagnosed and repaired hardware and software issues in Linux, Windows and Mac OSX• Suggested hardware purchases based on intended use of the computer• Managed Active Directory and Linux configuration for the computers in the department• Maintained Linux servers for Sendmail, NFS, BackupPC, Git/SVN, etc.	<i>March 2010 - Present</i>
ACTIVITIES		
	<ul style="list-style-type: none">• University of Michigan Hockey Band	<i>2009 - 2011</i>
HONORS		
	<ul style="list-style-type: none">• Scholar Power Undergraduate Achievement Award• University of Michigan Dean's List• University of Michigan Regent's Merit Scholarship• Jack Kent Cooke Summer Research Fellowship• Michigan Promise Scholarship• Croswell-Lexington High School Valedictorian• Blue Water Area Conference All-Academic Team• Sanilac County All-Academic Team• St. Clair County Community College President's Honor Roll	<i>2011</i> <i>Winter 2010</i> <i>2009</i> <i>2009</i> <i>2009</i> <i>Class of 2009</i> <i>2009</i> <i>2009</i> <i>2009</i> <i>2008 - 2009</i>