

EUGENIA CHEN

Computer Science | May 2020

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education

Iowa City West High School

Class of 2017 | GPA: 4.0/4
Best in Class, Academic All
State and valedictorian

University of Illinois at

Urbana - Champaign

BS in Computer Science
Graduation Spring of 2020
planning MS in CS graduation 2021
sophomore with junior standing
James Scholar
Deans List

skills

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

classes

Past

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

Current

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

activities

Infrastructure Director for Women in Electrical and Computer Engineering

2018-current

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

Assistant Creative Director for Women in Electrical and Computer Engineering

2017-18

- create promotional material for WECE and other STEM related events
- lead marketing strategy

Women in Tech Day

2018

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

ThinkChicago Conference 2017

2017

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

Engineering Outreach Society

2017

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

Volunteer for Engineering Events

2017-current

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

experience

Software Engineering Internship at Capital One

summer 2018

- worked on full stack web development
- technologies used: Angular 6, HTML, SCSS, Typescript, D3, PostgreSQL, Express

Course Assistant for Introduction to Computer Science

2018

- held weekly office hours and led a lab section teaching students the fundamentals of CS using Java

Hackathons

- Pyghack 2017, hackMIT 2018

FIRST Robotics Competition Team Leader

2014-17

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

Junior Bots Summer Camp

2016-17

- founder and counselor for robotics and programming summer camp for elementary and middle school students

projects

EmergenSee

2018

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

Web Application for Capital One

2018

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

Women in Electrical and Computer Engineering Website

2018

- website coded from scratch for college student organization
- tech stack: HTML, CSS, Javascript

Super Totoro Buddies

2018

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

MoviePool

2017

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

🏆 Pixo prize for UI/UX

Mega Tic-Tac-Toe

2017

- two-player variation of tic-tac-toe Java applet
- nine games of tic-tac-toe in one
- UI using Java Graphics class