Olivia Weng

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EDUCATION

The University of Chicago, Chicago, IL   Expected, June 2020
Bachelor of Science in Computer Science
Cumulative GPA: 4.00/4.00

West Windsor-Plainsboro (WW-P) High School North, Plainsboro, NJ   June 2016
Cumulative GPA: 3.86/4.00
Honors Included: Senior Award in Computer Science, National Honor Society

Program in Algorithmic and Computational Thinking, Princeton, NJ   June 2015-August 2015
One of 50 people accepted out of 200+ applicants; learned fundamentals of discrete mathematics and graph algorithms

PROJECTS

Illinois Dept. of Human Services API   October 2016-Present
TechTeam, The University of Chicago

· Fabricating data scraper in Python in team of eight to walk through webpages, scraping relevant data on 70,000+ jobs on illinoisjoblink.com into a map tool to help build API
· Automating job filtering for Illinois Dept. of Human Services case workers, increasing efficiency of job matching case work previously done by hand to better serve the community

Morse Code Translator   March 2016
Coursework, WW-P High School North

· Implemented a binary search tree into a Morse Code translator to translate between Strings of Morse code and English

TECHNICAL SKILLS

Java (Experienced), Haskell (Experienced), HTML (Beginner), CSS (Beginner), C (Beginner)

WORK EXPERIENCE

The University of Chicago, Chicago, IL   January 2017-Present
Computer Science Instructional Laboratory Tutor

· Maintaining over 100 floor machines on-site and remotely by keeping software updated and checking for hardware failures; tailors machines to user needs for productive experiences
· Providing supportive user help for application and hardware use on Mac Pro macOS and Ubuntu Linux machines; enables ease of use with lab machines for over 100 daily students and faculty users

LEADERSHIP & ACTIVITIES

Member, *ACM-W@uchicago, The University of Chicago*   October 2016-Present
· Collaborating with 15 women computer science majors weekly to solve homework problems and discuss issues facing women in the tech industry; fuels passion as a woman to pursue computer science

President & Section Leader, *Marching Band, WW-P High School North*   August 2014-May 2016
· Organized band mentor-mentee program among all 54 band members to increase solidarity; created trust among rookies and veterans and won first place at following competition
· Oversaw and delegated design, production, and distribution of 54 band sweatshirts; boosted band morale in preparation for championships
· Guided weekly sectional mellophone and saxophone workshops for 10 band members to improve students' playing; praised by competition judges for unity and sound of section