Olivia Weng
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EDUCATION

The University of Chicago, Chicago, IL   Expected, June 2020
Bachelor of Science in Computer Science

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 Project   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
- 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 (BST) into a Morse Code translator to translate between Strings of Morse code and English

TECHNICAL SKILLS

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

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 psych 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

WORK EXPERIENCE

WW-P High School North Tutoring Society, Plainsboro, NJ   September 2013-June 2016
Site Supervisor & Tutor
- Developed an after school tutoring program with middle school vice principal in which a team of six high schoolers tutored 30 middle schoolers twice a week; 80% of middle schoolers increased grades by one letter in at least one class
- Taught general math, science, and essay writing to ten students; all students achieved A's on respective math, science, and essay assignments