OLIVIA WENG

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EDUCATION

University of Chicago, Chicago, IL
B.S. in Computer Science, 2020 (Expected)
Honors: Dean's List 2016-2017

RESEARCH INTERESTS

Hardware security, Data cache organization, Computer architecture

RELEVANT COURSES

Computer Architecture, Parallel Computing, Intro to Computer Systems, Honors Intro to Computer Science I-II

INDUSTRY EXPERIENCE

Gridless Power Corporatoin   June 2017 - August 2017
Software Intern

· Developed JavaScript server and battery-monitoring Meteor web app to respectively send and receive battery data to and from upgraded Compose.io MongoDB database of 200+ battery data (previously hosted locally on AWS EC2 server); increased office efficiency in inputting and monitoring data
· Overhauled deployment of battery-monitoring Meteor web app hosting from AWS to Meteor Galaxy for user-friendly interface; increased office ease-of-use in redeploying and monitoring status of web app

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

· Implemented macOS High Sierra image on 50+ floor machines on-site and remotely by updating software and applications as well as checking for hardware failures; tailoring machines to faculty and student needs for productive classes
· Provide 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 200 daily student and faculty users

TECHNICAL SKILLS

C, Java, Haskell, HTML/CSS, AWS EC2

SERVICE

Asynchronous Anonymous   January 2017 - Present
Co-Director   *The University of Chicago*

· Administer student-led tech talks for audience of 30 students twice a week to engage the UChicago undergraduate tech community in new technologies and tech opportunities on and off campus; connected 50 students to student projects and ventures and local start-ups
· Build and maintain website for organization to link our audience to resources such as tech talk slides and events calendar to supplement the biweekly tech talks and get students excited in and talking about tech

ACM-W@UChicago   January 2017 - Present
Events Committee   *The University of Chicago*

· Organize study breaks and student panels in committee of five women computer science majors weekly to bring women computer science community together and discuss diversity issues in the tech industry
· Assisted in planning Computer Science department mentor-ship program to connect 100 students with diverse experiences and technical backgrounds; help students develop strategies for success at UChicago

REFERENCES

Yanjing Li
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Ravi Chugh
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