ERINNA WOO

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EDUCATION

Pomona College *B.A., Computer Science*   Claremont, CA
GPA: 3.84/4.00   *May 2018*
Top 25% of Class

Pacific Collegiate School   Santa Cruz, CA
GPA: 3.98/4.00   *May 2014*
ACT: 34/36

SKILLS & COURSEWORK

Proficient: Java
Familiar: Python, Prolog, SML, JavaScript, HTML
Tools: Android Studio

Coursework: Data Structures, Mobile Software Development, Semantic and Declarative Technologies, Discrete Mathematics, Theory of Computing

SELECTED EXPERIENCES

Teaching Assistant, Girls Who Code   *June 2016– August 2016*
- Taught Scratch, Python, C++/Arduinos, HTML/CSS/JavaScript and GitHub to high school girls with no coding experience
- Managed the classroom dynamics, assisted and advised on all students' projects

Research Assistant, Glater Research Lab   *January 2015– May 2016*
- Performed *C.elegans* choice assays and analyzed videos using ImageJ to study neuronal circuitry of decision-making
- Prepared materials for laboratory classes and research experiments (making nematode growth media plates, isolating bacteria and DNA, writing instructional documents for students)

Software Engineering Intern, Giavaneers Inc.   *June 2015– August 2015*
- Researched the html5 video tag to find a way to adapt to varying download bandwidth for uninterrupted video viewing
- Presented my solution to the company, enhancing my coworkers' knowledge of the html5 video tag
- Edited the trailer feature of iWonder by creating an embeddable player in JavaScript and adding an overlay feature

Administrative Assistant, Kumon of Santa Cruz   *January 2012– August 2015*
- Tutored students from preschool through high school in math and reading, emphasizing development of strong study habits
- Worked one-on-one with younger students and students with learning disabilities to solidifying basic skills
- Assisted with management of over 150 students: composing emails, drafting documents, and communicating with parents

PROJECTS *(View at https://github.com/erinna-woo)*

Igenem – *Mobile Software Development Final Project*   *December 2016*
- Let's make a decision. A visual pro-con list that makes it easier for you to make a decision. (*Java, Android Studio*)

Useless Machine – *Independent*   *July 2016*
- Built a machine that turns itself off when turned on. First time experimenting with electronics and hardware.

JustMyType – *5C Hackathon, 2nd Place Intermediate*   *April 2015*
- The typing game catered to you. Pulls headlines from the NYT based on a user-inputted keyword for you to practice your typing skills. (*JavaScript, CSS, JSON, Bootstrap*)

ChirpChirp – *5C Hackathon*   *November 2014*
- A Google Chrome Extension that makes Pomona College's mascot continuously pop up. If our rival school Claremont McKenna College is searched, all images of the school are replaced with images of our mascot. (*JavaScript, HTML, JSON*)

ACTIVITIES

Organizer of 5C Hackathon (Claremont Colleges)
- Manage $16k+ budget, revamped expo to streamline presentations and increase attendee interaction and participation

Asian American Mentor Program
- Support API/A students and organize workshops to increase activism through discussion and education