

ERINNA WOO

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EDUCATION

Pomona College *B.A., Computer Science* Claremont, CA
GPA: 3.88/4.00 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

Selected Coursework:

Data Structures, Linear Algebra, Discrete Mathematics

Cell Biology, Organic Chemistry, Neuropharmacology

SELECTED EXPERIENCES

Research Assistant, *Glater Research Lab*

January 2015– Present

- Perform *C. elegans* behavioral choice assays and analyze videos to study neuronal circuitry of decision-making
- Research software tools such as QuantWorm, ImageJ plugins, and WormTracker to implement them in the lab

CS052 (Fundamentals of CS) Mentor, *Pomona College CS Department*

January 2017– Present

- Lead mentor sessions to assist students on problem sets and review concepts learned in class
- Focus on positive encouragement and how to approach problems to prepare students for upper division classes

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

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

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