ERIN P. WOO

Phone: (650) 520-6573 | Email: erinpwoo@yahoo.com
Website: erinwoo.me | GitHub: github.com/erinpwoo
Home Address: 2640 Trousdale Drive, Burlingame, CA 94010

Summary

Undergraduate computing student at UC Santa Barbara's College of Creative Studies. Avid hacker and technology enthusiast who wants to explore the creative and artistic applications of programming and technology.

Education

UNIVERSITY OF CALIFORNIA, SANTA BARBARA - College of Creative Studies

- Computing B.S. - *Expected graduation June 2021*
  - **Organizations**: Alpha Sigma Kappa (Founding Sister), Nikkei Student Union (NSU), Coders SB Freshman Representative

Work & Experience

- **Programming Languages** (from most to least experienced) - C++, Java, Python, HTML/CSS, Javascript, Swift, C#

Undergraduate Research Assistant
UCSB Gevirtz School of Education | Nov. 2017 - Present

- *Developed an application for Scratch-like visual programming within an immersive virtual reality environment in Unity. (Blockbased VR).*

Research Intern *UCSB Summer Institute in Mathematics and Science | Aug. '17*

- Conducted research in a two-week STEM intensive for freshmen culminating in a final research presentation on the propagation of epidemic networks.

Barista *Nordstrom Espresso Bar, San Mateo, CA | June - Sept. '17*

- Adhered to the Nordstrom brand core values in superior customer service.
- Trained in food and beverage preparation handling.
- Adapted in an extremely fast-paced and dynamic work environment.

Instructional Tutor *Bay Area Learning Academy | Millbrae, CA | Aug. '16 - July '17*

- Developed curriculum that teaches elementary and middle school-aged students how to code.

Dolby Labs + Gray Area Creative Code Youth Apprentice | *San Francisco, CA | Oct. '16 - Feb. '17*

- Constructed a visual and audio art installment ("The Organic Mecanique) that explores the intersection between nature and techology. Featured at the Dolby Labs Digital Ribbon Screen.

Girls Who Code Summer Immersion Program - Twitter SF | June-Aug. '16

- Introduction to fundamental programming concepts and languages.
- Obtained mentorship and industry/career knowledge.

Projects   GitHub.com/erinpwoo

BOX OFFICE BOT - Superposition Hackathon - June 2017
Python

- Built the backend functionality of Twitter bot that tweets whenever a new movie is released— framework can be repurposed for other APIs that retrieve data in JSON format.

AP COMPUTER SCIENCE SPRING FINAL PROJECT - June 2017
Java, HTML/CSS/Javascript/Bootstrap

- Project exhibits knowledge in fundamental object-oriented programming concepts such as class/method design, inheritance, polymorphism, etc. Website made using Bootstrap— displays code, demos, and project component descriptions.

AIDA - XXHacks - April 2017
Java

- Built an SMS service that allows women in developing countries access to contraception information/resources and clinic accessibility.

MENTORMEET - Mulesoft Coding Cup Hackathon - September 2016 - *Overall Best Winner*
HTML/CSS/Javascript

- Prototyped a web service that connects professional mentors in STEM fields with minority high school mentees. Implemented web APIs such as Google Maps and Facebook.