

BRANDON LAU

1brandonlau@gmail.com | 408.680.6408 | Davis, CA
www.brandonlau.me | www.linkedin.com/in/brandon-lau

EDUCATION

University of California, Davis

Expected 2021

Bachelor of Science, Computer Science

- **University Honors Program**
- **Engineering Major GPA: 4.00 / 4.00**
- Overall GPA: 3.67 / 4.00
- Relevant Coursework: Data Structures/Algorithm Analysis, Software Development and OOP, Programming and Problem Solving, Discrete Mathematics, Intro. To Programming

SKILLS

- Technical Skills: Python, C/C++, HTML/CSS, JavaScript (Basic), Bootstrap, iOS (Basic), UNIX, Git, Adobe Photoshop
- Languages: English (Fluent), Mandarin Chinese (Proficient)

EXPERIENCE

Hyperloop Controls Team Member

October 2018 - Present

OneLoop | Davis, CA

- Working on the Controls as part of UC Davis Hyperloop, planning to compete Summer 2019

Computer Science Tutor

April 2018 - Present

UC Davis CS Club | Davis, CA

- Tutored over 25 college students in Python, C, and C++ Programming courses
- Contributed over 25 hours helping students improve their CS fundamentals, improving a student's grades by 10%
- Identified mistakes and debugged programs, reducing their time spent by up to 50%

PROJECTS

CalHacks Hackathon at UC Berkeley

11/2/18 - 11/4/18

- Created a web application that aims to connect homeless people with local resources to get assistance, such as food or basic necessities.
- Utilized Google Maps API to pinpoint markers on a map, HTML/CSS/JavaScript/Bootstrap on the frontend, and Firebase on the backend to store coordinates for the locations
- Worked as part of a three-person team; Demoed in a venue with over 2300 participants

HackDavis Hackathon at UC Davis

1/20/18 - 1/21/18

- Developed an iOS app that helps students memorize their trigonometric derivative rules through a fun, interactive game and simple UI, as part of a two-person team
- Utilized Swift programming language; Demoed in a venue with over 700 participants