Alex Dinh

alexanld@uci.edu | (510) 909 - 8200 | github.com/avrilai

EDUCATION

University of California, Irvine   June 2020
Bachelor of Science in *Computer Science and Engineering*   Cumulative GPA: 3.36
Programming Languages: Java, Python, JavaScript, HTML/CSS, and Arduino

WORK EXPERIENCE

UCI Paul Merage School of Business   January 2018 – Present
Student Web Developer   Irvine, CA
- Utilize the Cascade content management system to maintain and update the Paul Merage website
- Build webpages and templates using HTML/CSS in order to maximize efficiency of site development
- Fix broken links site-wide and edit/clean up online materials to improve the overall quality of the site

Vision Tech Camps   July 2017 – August 2017
Coding Instructor   Danville, CA
- Provided accelerated, in-depth instruction to small classes of 5 to 10 to help explore their passion in technology
- Developed Java/JavaScript curricula to inspire interest in programming and engineering by utilizing video games
- Guided 7 students to build their own PCs through careful supervision as to not damage sensitive components

PROJECTS

"Eidebtic Vault" | Web Application   November 2017
Capital One DevExchange Hackathon Participant   Santa Monica, CA
- Created web application to analyze financial documents and automatically provide debt consolidation for users
- Utilized Capital One's Vault API to securely store and extract data from financial documents for debt anaylsis

"Exceed" | Android Studio Application   May 2017
Semifinalist - Butterworth Product Development Competition in Engineering   Irvine, CA
- Built an application to incentivize and promote class attendance while providing professors with live feedback
- Led development in Android Studio by implementing a 5-tab interface and a muddiest points feedback system

Quadcopter | NAZA Drone   March 2017
Introduction to Engineering   Irvine, CA
- Designed base and limbs through SolidWorks and fabricated them from polycarbonate sheets and poplar wood
- Connected 4 motors, 4 electronic speed controllers, and a radio receiver through a NAZA drone piloting system

Prop Lightsaber | Arduino Project   June 2016
AP Computer Science A – Java Programming Course   Castro Valley, CA
- Produced sound effects by using accelerometer data to trigger audio files stored on a sound module via Arduino
- Machined and fastened multiple sink pipes to a polycarbonate tube to create the hilt and blade of the lightsaber

"Phrase Fight" | Game written in Dart, HTML/CSS, and JavaScript   May 2016
Best Overall Project – Code Day San Francisco 2016   San Francisco, CA
- Awarded for team's game Phrase Fight, a 2-player tower defense game that involves typing to deploy units
- Created animation code that involved playing a series of images in rapid succession, using JavaScript/HTML/CSS

CAMPUS INVOLVEMENTS

Alpha Kappa Psi | Professional Business Fraternity   April 2017 – Present
Active Member, Pledge Class Secretary   Irvine, CA
- Established a strategic foundation for *InstantCustom*, a custom goods startup, via a 9-page marketing plan
- Guided a team of 11 to complete protocols through effective use of collaboration information systems
- Drafted a 40-page business plan with cross-functional team and presented to mock VCs and an audience of 53

ADDITIONAL

Engineering Design: SolidWorks, Soldering, Drills, Sawing, Wiring
Skills: Adobe Suite (Photoshop, Illustrator), Microsoft Office Suite (Word, PowerPoint, Excel)
Interests: Piano, Biking, Virtual Reality, Space Travel, Astronomy, Smartphones, Futuristic Transportation