

Brian Chu

Irvine, CA

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Education

University of California, Irvine

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, SPECIALIZATION IN INTELLIGENT SYSTEMS

Sep 2018 - Jun 2022

- **Campuswide Honors Collegium**

- GPA: 3.67

- Classes taken: Python/C++ programming, Data Structures/Algorithms, Computer Organization, Systems Design, Software Engineering, Intro to AI, Machine Learning and Data Mining

Skills

Languages Python, Java, C++, HTML/CSS/JavaScript, Shell scripting

Tools Linux, Git/GitHub, Jira, Vim, Flask, Vue.js, Angular, Google Cloud Platform

Experience

Northrop Grumman

Redondo Beach, CA

SOFTWARE ENGINEERING INTERN

Jun 2020-Aug 2020

- Full-stack Agile development of a browser-based hardware control interface
- Improved usability of design by adding in color-blind accessible features and other quality-of-life additions to Angular front-end
- Implemented new API endpoint enabling finer-grained control over hardware status reporting

Association for Computing Machinery - UC Irvine Chapter

Irvine, CA

PUBLICITY CHAIR

May 2019 - PRESENT

- Managing social media handles to ensure that student body is engaged with ACM activities
- Coordinating school-wide events with other UCI computer science organizations and outside ACM chapters
- Preparing for and competing at collegiate programming competitions (IEEEExtreme, ICPC)

Dreams for Schools

Santa Ana, CA

APPJAM+ MENTOR

Sep 2019 - Dec 2019

- Organized and led bi-weekly after-school classes for 10 weeks with a team of 3 other mentors
- Taught middle-school students the fundamentals of mobile app design utilizing the Thunkable platform

Awards

MedAI Jam

FIRST PLACE

Feb 2019

- Won first place and \$1000 with team for developing an app utilizing machine learning to detect early signs of glaucoma
- Sourced training dataset of retinal images and manually tagged them as either glaucoma or not-glaucoma

National Merit Scholarship

NORTHROP GRUMMAN CORPORATE SCHOLAR

2018

- Scored in the top 1% of all PSAT test-takers nationwide

Boy Scouts

EAGLE SCOUT

Nov 2017

- Led multiple service projects for ranks leading up to Eagle Scout totalling more than 300 man-hours of work
- Constructed mobile shelves for Excelsior Elementary, a Title I school in Garden Grove, for Eagle Scout service project

Interests

Radio

DJ, KUCI

Apr 2019 - PRESENT

- Hosting the show, 7 Deadly Synths, on KUCI 88.9 FM, broadcast live to the Orange County region
- Maintaining strong on-air presence by announcing music played and fielding telephone calls from listeners