

Haley Lai (650) 305-1684 | tulai@ucsd.edu

Summary:

A disciplined and insightful individual with strong interpersonal skills, attention to detail, and firm computer science fundamentals and algorithms. Have a keen desire to learn new skills and excel quickly. Excellent problem-solving skills and the ability to complete tasks as required. Proficient with Python and C++. Learn more about me on my website: www.haleylai.com

Education:

University of California San Diego Sep 2019 – Jun 2021
Bachelor of Science in Mathematics and Computer Science

Foothill College Sep 2017 – Jun 2019
Associate Degree in Computer Science and Mathematics

Skills and Abilities:

- Programming skills: Python, C++, JavaScript, C#, MATLAB, Unity, Bash
- Web Dev: HTML, CSS, React.js, jQuery, Node.js, Express.js, EJS, MongoDB Atlas, Bootstrap 4, Material-UI, Firebase
- Other Dev Frameworks: Selenium (Web scraping), OpenCV (computer vision), Vuforia (AR)
- Computer skills: Unix, Linux, Windows 10, macOS, Git, MS Office
- Languages: Fluent in English and Mandarin

Work Experience:

Intern: Deloitte Sep 2020 – Present

- Web Scraping news, technologies, and cybersecurity-related information using Python and Selenium Taipei, Taiwan
- Making automated tools with Python to manipulate data, such as classifying, analyzing statistically, and consolidating data.
- Assisting the data analytics team to build a NLP model using BERT framework

Game Developer Internship: Multimedia Company Jul 2020 – Aug 2020

- Lead programmer on a game development team Taipei, Taiwan
- Created 2 * 2D games and 2 * Augmented Reality applications with Unity in two months
- Worked with interns who specialize in art design to produce games from scratch.
- Gained comprehensive understanding of flow in game development

Innovating for National Security Internship: Qualcomm Institute, UC San Diego Jan 2020 – Mar 2020

- Developed innovative solutions to national security problems. La Jolla, CA
- Worked with U.S. DOD leaders to deliver viable products that match DoD/IC users' needs in an extremely short time.

- Learned to develop sustainable and repeatable model that can be used to launch other potential technology solutions.

Instructional Assistant: STEM Center, Foothill College

Jun 2019 – Jul 2019

- Provided one-on-one assistance to students struggling with subjects. Los Altos Hill, CA
- Evaluated instructional effectiveness and modified approaches based on feedback and assessments.
- Provided assistance to instructors and engaged students in learning activities and positive behaviors to optimize their understanding of lessons.
- Used advices from instructors and colleagues to understand students' instructional needs.

Clerical Assistant: STEM Center, Foothill College

Apr 2019 – Jun 2019

- Assisted students and faculty with access to office devices, and diagnose Los Altos Hill CA
and troubleshoot mechanical issues.
- Worked with club representatives to organize workshops, meetings, and events in the center.
- Provided clerical office support and front-desk reception, from faculties, students, and campus visitors.