

# 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++. Here is my website: [www.haleylai.com/](http://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: C++, Java, Python, C#, MATLAB, Unity, Bash, Assembly programming
- Web Dev: HTML, CSS, JavaScript, jQuery, Node.js, Express.js, EJS, SQL, MongoDB
- Other Dev Frameworks: Selenium (Web scraping), OpenCV (computer vision), Vuforia (AR)
- Computer skills: Unix, Linux, Windows 10, Git, MS Office
- Languages: English and Mandarin

## Work Experience:

**Software Engineer Internship: Taipei, Taiwan** Jul 2020 – Aug 2020

- A lead programmer in a game develop team La Jolla, CA
- Created 2 \* 2D games and 2 \* Augmented Reality applications with Unity in two months
- Cooperated with interns who specialize in art design to produce games from scratch.

**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 specific topics. 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 information and data from sources to understand students' instructional needs.

**Clerical Assistant: STEM Center, Foothill College**

Apr 2019 – Jun 2019

Los Altos Hill CA

- Assisted students and faculty with access to office devices, and diagnose and troubleshoot mechanical issues when necessary.
- Worked with club representatives to organize workshops, meetings, and events in the center.
- Provided clerical office support and front-desk reception, including answering calls and walk-in inquirers from faculties, students, and campus visitors.