# 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: 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, macOS, Git, MS Office
- Languages: English and Mandarin

**Work Experience:**

**Intern: Deloitte**                                                      Sep 2020 – Present

- Web Scraping news, technologies, and cybersecurity-related information          Taipei, Taiwan
   using Python and Selenium

**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 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

- Assisted students and faculty with access to office devices, and diagnose        Los Altos Hill CA 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.