

Wesley Tam

wesleytam88@gmail.com | 650.732.1575 | github.com/wesleytam88 | linkedin.com/in/wesleytam/

EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)

Expected Graduation: June 2025

Bachelor of Science Degree in Computer Science

GPA: 3.9

Relevant Coursework: Data Structures & Algorithms, Discrete Structures, Object-Oriented Programming and Design, Computer Organization, Systems Programming, Computer Architecture

SKILLS

Programming Languages: C, C#, Python, Java, Assembly

Software Tools: Git, Unix, JSON, Vim, Visual Studio, Jira, Microsoft Office

Languages: English, Spanish, Chinese (Cantonese)

PROGRAMMING PROJECTS

MNA Eyes Game Personal Project

Languages and Tools Utilized: Python, PyGame, GraphQL API

- Created a game that pixelates and de-pixelates images for players to guess
- Able to pull images from a GraphQL API based on user input

MyTAR

Languages and Tools Utilized: C, Vim

- Created an algorithm to compress, store, and decompress files and directories
- Used a checksum to ensure no data corruption

MyTalk

Languages and Tools Utilized: C, Vim

- Used sockets and ports to allow two computers to communicate with each other
- Used C system calls for efficient CPU usage

CAMPUS INVOLVEMENT

Systems Optimization Club – Member

Sep 2022 – Jun 2023

- Worked with Inspired Flight to improve data analytics of support tickets
- Use Python to process hundreds of tickets into an interactive dashboard

WORK EXPERIENCE

Embedded Software Intern – Procept BioRobotics – RWC, CA (40 hrs/wk)

Jun 2023 – Sep 2023

- Research, design, and implement software on embedded systems
- Develop unit, module, and system code to test embedded systems
- Perform research/engineering studies to characterize performance and function of embedded systems

Tutor – JEI Learning Center – Millbrae, CA (10 hrs/wk)

Jun 2022 – Sep 2022

- Head of the Summer Enrichment Program
- Tutor students in mathematics, English, and chess

Food Handler – Cal Poly State Univ. – San Luis Obispo, CA (10 hrs/wk)

Mar 2022 – Jun 2022

Tutor – Kumon Learning Center – Millbrae, CA (10 hrs/wk)

Sep 2019 – Sep 2021