

ALAN SHEU

Website: alansheu2004.github.io

Github: github.com/alansheu2004

LinkedIn: linkedin.com/in/alansheu2004

Email: alansheu2004@gmail.com

Phone: 1 (408) 218-0411

Summary: I'm a student looking for an internship. I'm the Operations Director of my high school robotics team. In my free time, I've worked on projects on my website including a site to create a mathematical equation from any graph.

Projects:

Check out my projects on my website at alansheu2004.github.io.

- CustomTD: Create and play custom tower-defense games
- SketchGrapher: Turn any mathematical graph into a single equation
- PIDeconstructed: Explore PID control systems with an interactive guide and simulations
 - PID Tuner: Graph and Adjust PID values to assist in tuning
- Anomia: Test your reflexes and memory recall on this online card game

Experience:

Team Captain / Operations Director (2018 - Present)

Los Gatos High School Robotics

- Managed various teams ranging from programming to finance
- Worked with autonomous routines, scouting website, robot dashboard, and control systems.
- Created P

Volunteer Work

- Founded the Robotics Club at R. J. Fisher Middle School (2019-Present)
- Worked as a Teaching Assistant for Mandarin Language Culture Center (2018-2019)
- Tutored for the Los Gatos High School Peer Tutor Group and Cats HW Help (2020-Present)

Education:

Los Gatos High School (Class of 2022) - GPA: 4.41

Notable Coursework: AP Computer Science A (5), AP Calculus BC, AP Biology, AP Physics

Skills:

- Graphic Design with Adobe Photoshop & Illustrator
- Skilled with Java, Python, Git, Linux/UNIX
- Web development with HTML, CSS, Javascript, JQuery, AJAX
- Machine Learning using Matlab
- Experienced in back-end support with Node.js, Flask, & SQL
- Microsoft Word, Excel, and Powerpoint
- Fluent in Mandarin and English; Proficient in French

Honors/Awards:

- Los Gatos High School STEM Award 2021, 2022
 - Presidential Volunteer Service Award - Gold
- Los Gatos High School Certificate of Excellence French 2, French 3