

Jet Pham

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<https://jetpham.com>

EDUCATION

University of San Francisco (USF), San Francisco, CA
B.S. in Computer Science

Aug 2023 - May 2026

RELEVANT COURSEWORK

C and Systems Programming - Unix, Memory, Software Development, C lang Spring 2024
Software Development - Made a webbrowser in Golang, Git, RAG, Web Scraping Fall 2025
Compilers - Create a C-compatible language and compiler, Rust, GC, RISCv assembly Spring 2025
Automata Theory - Regex, Turing machines, DFA, NFA, Math Proofs, Complexity Spring 2025

WORK EXPERIENCE

FIRST Robotics - World Champions, Software Director, OpenCV, Taught Java Jul 2019 - Apr 2022

University Ministry Tutor - Tutored middle and high school in SF Feb 2024 - May 2024

Hadrian Robotics Intern May 2024 - Aug 2024

- Programmed UR robot arm with computer vision in a industrial robotics monorepo
- Design and 3d print end effectors for specific applications
- Design, integrate, and build a custom automation cell into a industrial manufacturing factory

Eng Lab Assistant - Teach 3D Printer, CNC, Woodshop, Solder, Laser Cutter Aug 2024 - Present

Spring President - CompSigh Computer Science Club, USF Summer 2023 – Present

PUBLIC PROJECTS

- [Personal Website](#) - Rust, WASM, Cellular Automata, Vercel
- [Hive Sign Ins](#) - Maker Space Sign-In Tracker, Next.js, Vercel, Databases
- [Deploy24 Hackathon App](#) - Google Maps Integration, Next.js, Next-Auth, Vercel

SKILLS

- **Technologies / Tools:** Rust, Python, Next.js, Java, Go, Vercel, Helix / Vim
- **Technical Skills:** Git, Linux, DSA, Memory, Multithreading, Async, Bash, Cargo
- **Machine Skills:** Laser Cutter, 3D/Resin Printer, Soldering, CAD, CNC, Woodshop, Sewing
- **Interests:** Cellular Automata, Automotive and Aerospace Engineering, Intersection of Tech and Art

ACHIEVEMENTS

- **Most Innovative** - DonsHack '25 Hackathon, USF April 2025
- **People's Choice Award** - DEPLOY/23 Hackathon, USF December 2023
- **Autonomous Award** - FIRST Robotics Team 4201 March 2020
- **Quarterfinals World Championship** - FIRST Robotics Team 4201 April 2022
- **Regional Finalist Award** - FIRST Robotics Team 4201 March 2022
- **Life Scout** - Scouting BSA Summer 2016 - Fall 2023