

# Stephen Xu

+1 (xxx) xxx-xxxx | San Diego, CA | [stxu@hmc.edu](mailto:stxu@hmc.edu) | [github.com/stuxf](https://github.com/stuxf) | [linkedin.com/in/stuxf](https://linkedin.com/in/stuxf) | [stuxf.dev](https://stuxf.dev)

## EDUCATION

### Harvey Mudd College

Claremont, CA

*Bachelor's of Science, Computer Science and Mathematics*

*Aug 2023 — May 2027*

- Cumulative GPA: 4.0/4.0 | Dean's List, Harvey S. Mudd Merit Scholarship, National Merit Scholarship
- Relevant Coursework: Data Structures, Program Development, Microprocessors, Abstract Algebra I: Groups and Rings, Linear Algebra, Discrete Mathematics, Multivariable & Single Variable Calculus, Principles and Practice of Comp Sci

## WORK EXPERIENCE

### Subatomic Shepherd and Caffeine Connoisseur

May 2024 — Present

Microscopic Circus, Schrodinger's University

*Atomville, CA*

- Played God with tiny molecules, making them dance to uncover the secrets of the universe
- Convinced high-performance computers to work overtime without unions, reducing simulation time by 50%
- Wowed a room full of nerds with pretty pictures of invisible things and imaginary findings

### AI Wrangler and Code Ninja

Dec 2023 — Mar 2024

Organic Stupidity Startup

*Silicon Mirage, CA*

- Taught robots to predict when (and how much!) humans will empty their wallets at the doctor's office
- Developed HIPAA-compliant digital signatures, because doctors' handwriting wasn't illegible enough already
- Turned spaghetti code into a gourmet dish, making other interns drool with envy

### Digital Playground Architect

Jun 2020 — May 2023

Pixels & Profit Interactive

*The Cloud*

- Scaled user base from 10 to 2000+, accidentally becoming a small wealthy nation in the process
- Crafted Bash scripts so clever they occasionally made other engineers weep with joy
- Automated support responses, reducing human interaction to a level that would make introverts proud
- Built a documentation site that actually got read, breaking the ancient RTFM curse

### Code Conjurer Intern

Jun 2022 — Aug 2022

Bits & Bytes Consulting

*Silicon Suburb, CA*

- Developed a cross-platform mobile app that turned every user into a potential paparazzi
- Led a security overhaul, heroically saving the company from the menace of "password123"

## PROJECTS

### Maintainer, Hyperschedule ([hyperschedule.io](https://hyperschedule.io))

Nov 2023 — Present

- Maintain open-source scheduler used by 7000+ users at the Claremont Consortium with TypeScript, React and MongoDB
  - Manage PR reviews, bug fixes, and coordinate with college for releasing scheduling data and over \$1500 of yearly funding
- Ensure 99.99% uptime during peak loads of 1M daily requests during course registration through redundant servers

## EXTRACURRICULAR ACTIVITIES

### Capture The Flag Competitions

Jan 2021 — Present

- Founder of Les Amateurs ([amateurs.team](https://amateurs.team)), currently ranked #4 US, #33 global on CTFTIME (2023: #4 US, #42 global)
- Organized AmateursCTF 2023 and 2024, with 1000+ teams solving at least one challenge and \$2000+ in cash prizes
  - Scaled infrastructure using GCP, Digital Ocean with Kubernetes and Docker; deployed custom software on fly.io
- Qualified for DEFCON CTF 32 and CSAW CTF 2023, two of the most prestigious cybersecurity competitions globally

## SKILLS

- **Programming Languages:** JavaScript, Python, C/C++, HTML/CSS, Java, Bash, R, Flutter, Dart
- **Technologies:** React, Astro, Svelte, Tailwind CSS, Git, UNIX, Docker, Caddy, NGINX, Google Cloud Platform