

# Elijah Croft

elijahcroft49@csu.fullerton.edu · linkedin.com/in/elijah-croft · github.com/elijahcroft · elijahcroft.com

## EDUCATION

### California State University Fullerton

Double Major: B.S. Computer Science, B.A. Philosophy

Fullerton, CA

Expected May 2028

## EXPERIENCE

### Magikid Robotics Lab

Robotics Coach/Programming Instructor / AI Coach

Tustin, CA

March 2025 - Present

- Coach for competitive robotics team, leading them to state and world championships.
- Teach 20+ students (ages 8–16) **Python** and **C++** fundamentals weekly.
- Designed interactive projects to teach loops, conditionals, and basic robotics logic.
- Integrate AI concepts into robotics coaching, focusing on the development of autonomous systems and decision-making algorithms.
- Provide AI coaching to students, helping them apply machine learning and AI algorithms to robotics challenges.

## PROJECTS

### ScuffedAI | Python, OpenAI API, Discord API, Linux

Mar. 2023 – Present

- Powers 100+ daily interactions across Discord servers, mimicking a streamer's persona.
- Integrated OpenAI API for dynamic, real-time conversations and personality emulation.
- Deployed the bot on a self-hosted Arch Linux server for 24/7 operation.
- Implemented passive moderation to detect and suppress hate speech, fostering a safe and inclusive community.

### Harm Reduction Website | HTML, CSS, Bootstrap, JavaScript, Git

Oct. 2024 – Present

- Led a team of 4 to build a platform that educates users on drug interactions and safe usage.
- Developed a Flask backend to serve interaction data from a structured substance database
- Utilized Bootstrap for responsive design and ensured a user-friendly interface and accessibility.
- Used Git and GitHub Projects for version control, issue tracking, and collaboration.

### Stars Near You | Next.js, Supabase, Tailwind CSS

Apr. 2025

- Social media app built at a hackathon that visualizes friendships as constellations.
- Developed the entire backend, including user authentication and database management.
- Used Supabase for data storage and NextAuth/GithubAuth for seamless login.

### Rust ASCII Terminal Display | Rust, Linux, Terminal

Jun. 2024 – Jul. 2024

- Developed a terminal-based ASCII art display using Rust, designed to minimize data costs.
- Leveraged Rust's memory safety features to ensure low resource consumption.
- Optimized performance for Linux terminal-based environments.

## EXTRACURRICULARS

### ACM Club Member

2024 – Present

Algorithms | Advanced Algorithms | AI | Frontend

- Solved 100+ Leetcode problems.
- Participated in weekly coding challenges and collaborative hackathon projects.
- Engaged in technical workshops and discussions to deepen understanding of real-world CS applications.

## TECHNICAL SKILLS

**Languages:** Python, C++, Java, JavaScript, Rust, HTML/CSS

**Tools:** Git, Selenium, Bootstrap, Tkinter, OpenAI API

**Systems:** Linux, Windows