

# Elijah Croft

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

## EDUCATION

### California State University Fullerton

Fullerton, CA

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

*Expected May 2028*

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Logic, Ethics in AI

## EXPERIENCE

### Magikid Robotics Lab

Tustin, CA

*Robotics/Programming Instructor*

*March. 2025 - Present*

- Teach 20+ students (ages 8–16) **Python** and **C++** fundamentals weekly.
- Designed interactive projects to teach loops, conditionals, and basic robotics logic
- Cultivated foundational STEM skills and logical thinking in a classroom setting.

## 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.

### PHP Web Crawler | *PHP, DOMDocument, JSON*

Aug. 2024 – Present

- Built a recursive web crawler to index and extract metadata from websites, starting from a seed URL.
- Extracted metadata such as titles, meta descriptions, and keywords from crawled web pages.
- Implemented robust URL parsing to handle relative and absolute paths, ensuring correct navigation.
- Optimized the crawler to handle various edge cases, including JavaScript links and duplicate URLs.
- Output metadata in JSON format for analysis and future use.

### 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