

Elijah Croft

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EDUCATION

California State University Fullerton

Bachelor of Science in Computer Science

Fullerton, CA

Aug. 2024 – Present

PROJECTS

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

Oct. 2024 – Present

- Project manager and main contributor of a team of 4 peers, developing a website focused on substance interactions and harm reduction.
- Utilized Bootstrap for responsive design and ensured a user-friendly interface and accessibility.
- Managed project timelines, delegated tasks, and oversaw progress to ensure timely delivery.

Portfolio Website | *HTML, CSS, JavaScript*

Aug. 2024 – Sep. 2024

- Designed and developed a personal portfolio website hosted at elijahcroft.com.
- Showcased skills, projects, and achievements with a sleek, responsive interface.
- Implemented accessible navigation and optimized for fast load times.

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.

AI-Powered Discord Bot | *Python, OpenAI API, Discord API*

Mar. 2023 – Present

- Developed an AI chatbot that interacts with users in Discord using OpenAI's language model.
- Implemented commands for answering queries, playing games, and providing information.
- Deployed the bot on a self-hosted Arch Linux server for 24/7 operation.

Automatic Rubik's Cube Scrambler and Timer | *Python*

Mar. 2022 – Jun. 2022

- Created a Python application to generate unique scrambles for a Rubik's Cube.
- Integrated a timer to track solving time with an intuitive graphical interface.

PHP Web Crawler | *PHP, DOMDocument, JSON*

Aug. 2024 – Present

- Developed a PHP-based web crawler capable of recursively indexing web pages 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.

EXTRACURRICULARS

ACM Club Member

2024 – Present

Advanced Algorithms | AI | Frontend

- Participated in weekly coding challenges and collaborative hackathon projects.
- Collaborated with peers to develop applications and improve problem-solving skills.
- Attended meetings regarding AI and front-end design.

CSUF Game Development Club Member

2024 – Present

Godot

- Engaged in game development workshops and collaborative projects.
- Contributed to the design and development of small-scale game prototypes.

TECHNICAL SKILLS

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

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

Systems: Linux, Windows