

# Elijah Croft

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## EDUCATION

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### California State University Fullerton

*Bachelor of Science in Computer Science GPA: 4.0*

Fullerton, CA

*Aug. 2024 – Present*

## PROJECTS

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

October 2024 – Present

- Project manager and main contributor of a team of 4 peers, developing a website focused on substance interactions and harm reduction.
- Utilizing Bootstrap for responsive design and ensuring user-friendly interface and accessibility.
- Managing project timelines, delegating tasks, and overseeing progress to ensure timely delivery.

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

June 2024 – July 2024

- Developed a terminal-based ASCII art display using Rust, designed to minimize data costs for efficient performance.
- Leveraged Rust's memory safety and concurrency features to ensure low resource consumption.
- Gained deep understanding of the Linux OS by optimizing the app for terminal-based environments.

### Personal Desktop AI Assistant | *Python, Terminal, Tkinter/CustomTkinter, OpenAI*

August 2024 – Present

- Built a Python application to implement an OpenAI assistant on startup to improve user experience.
- Utilized OpenAI API and CustomTkinter to create a sleek and user-friendly program.

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

March 2023 – June 2023

- Created a Python application to generate unique, never-before-used scrambles for a Rubik's Cube.
- Integrated a timer to track solving time, with an easy-to-use graphical interface.

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

March 2023 – April 2023

- 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.

### Web Automation with Selenium | *Python, Selenium*

June 2023 – July 2023

- Created automated scripts to interact with websites, filling out forms, and scraping data.
- Used Selenium WebDriver to mimic user actions like clicking buttons and entering data.

## RELEVANT COURSES

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### Introduction to Programming in Python

*Spring 2022*

### Object-Oriented Programming

*Fall 2023*

## EXTRACURRICULARS & LEADERSHIP

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### ACM Club

Member

- 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

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

## CERTIFICATIONS & ACHIEVEMENTS

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### Coursera Scala Certification

### Coursera Microsoft UX/UI Certification