

YAZAN GHUNIEM

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Technical Skills

Languages: JavaScript, HTML/CSS, Python, C++, SQL

Frameworks and Libraries: PyTorch, React, Node.js, Express.js, Flask

Developer Tools: Git, GitHub, Visual Studio Code, Heroku, PostgreSQL

EXPERIENCE

Freelance Developer | Remote

Sep 2024- Present

Self-Employed

- Designed and implemented a custom website for a local barber using **HTML, CSS, and JavaScript**, showcasing services and online booking, which streamlined operations on **100+ weekly appointments** to an automated system
- Created and launched a website for UC Better Tomorrow, a University of Cincinnati club focused on feeding the homeless, using **HTML, CSS**, and to promote events and simplify coordination for **20+ events per semester**

Quality Engineering Internship | Tenet3

Aug 2024-Dec 2024

Intern

- Developed and optimized automated test scripts using **Python, Selenium, and Gherkin**, reducing manual testing by **50%** and improving release cycles by **20%**, resulting in faster software updates and comprehensive test coverage
- Executed **30-40 manual tests** per release, identifying critical bugs and facilitating faster integration into production. Collaborated with developers to review **HTML/CSS** code for efficient bug resolution to reduce post-release defects

Fellowship | Headstarter AI

AI Fellow

July 2024 – Aug 2024

- Completed a 7-week fellowship, developing **5 major AI projects** and earning recognition for **innovative solutions** during weekly hackathons. Strengthened **technical problem-solving skills** through feedback from industry experts
- Led **5 AI projects** in randomized teams of 4, guiding collaborative efforts to tackle **complex real-world** challenges. Ensured all projects were **delivered on time**, fostering effective teamwork and driving **innovative solutions**

Programming Camp | Codecademy

Aug 2022 - Present

Student

- Completed Codecademy's 150-hour **Full-Stack Engineer Career Path**, mastering **React, Node.js, and SQL** while developing **6 portfolio-ready applications**, showcasing proficiency in both frontend and backend technologies
- Mastered **C++, Python**, and core computer science principles, building interactive websites and **REST APIs**. Applied backend systems with **PostgreSQL**, linking them into full-stack applications through various development projects

PROJECTS

E-Commerce App (REST API) | JavaScript, SQL, Node.JS, PostgreSQL

Aug 2024-Sep 2024

- Developed and deployed a RESTful API for an e-commerce platform using **Express.js, Node.JS, and PostgreSQL**, enhancing product management and data integrity by implementing efficient backend functionality
- Optimized **SQL queries and database indexing**, significantly improving data retrieval speed and system efficiency. Enhanced scalability by refining data structures, ensuring a smooth performance under user traffic and heavy loads

AI Emotional Analysis Tool | Python, Flask, NLP (Library)

Jan 2024-Feb 2024

- Engineered an AI-powered application using **Python** and **NLP** to analyze user-submitted text, achieving **90% accuracy** in sentiment detection. Enhanced emotional evaluations, improving feedback and user engagement
- Implemented an interactive web interface using **Flask**, allowing users to submit text and receive real-time sentiment feedback. Streamlined the user experience by providing emotional insights, improving decision-making efficiency

INVOLVEMENT

Innovation Challenge Club | University of Cincinnati

Aug 2023 – April 2024

- Participated in the Innovation Challenge Club, enhancing problem-solving skills through collaboration with diverse peers and gaining valuable guidance from experienced engineers, expanding my network for future opportunities

EDUCATION

University of Cincinnati

Graduating: May 2028

Bachelor of Science | Computer Science

GPA 3.5

Relevant Coursework: Data Structures & Algorithms, Python Programming, Introduction to C++