

OMER HYAJNEH

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EDUCATION

The Ohio State University

Columbus, OH

Bachelor of Science in Computer Science & Engineering, GPA: 3.35

Aug. 2019 - Dec. 2024 (Expected)

WORK EXPERIENCE

Digital Flagship - Swift Coding Mentor | The Ohio State University - Columbus, OH

May 2022 – Present

- Developed Swift tutorials combining theory and hands-on examples for all skill levels.
- Developed software to streamline content styling within the course, enhancing productivity by 30%.
- Crafted 30+ coding exercise worksheets for the Swift App Development Course, leading to a 40% increase in student engagement compared to the previous session.
- Conducted numerous virtual 1-on-1 tutoring sessions, providing tailored guidance and support to over 30 students, enhancing their understanding and application of course concepts.

Shift Manager | The Wendy's Company - Westerville, OH

Jan. 2020 – Jan. 2023

- Implemented strategies to drive sales and profitability, achieving monthly targets consistently.
- Addressed customer complaints and feedback promptly, ensuring high levels of customer satisfaction.
- Managed inventory, ensuring optimal stock levels and minimizing waste through effective supply chain coordination.

PROJECTS

NewEggStockChecker | Python, Go, and PyQt5 Designer

Nov 2022 – May 2023

- Crafted an intuitive GUI in PyQt5, enhancing UX and enabling seamless real-time tracking of multiple product URLs.
- Established secure communication between distributed applications, ensuring data integrity and safety during exchanges.
- Boosted the tool's performance by integrating multi-threading in Python, allowing for concurrent web scraping and precise filtering of key product details, resulting in faster and more accurate results for users.

PC Builder Guide | Android Studio, Java, Gradle, Firebase Cloud Firestore, Google Maps API

Aug 2023 – Present

- Spearheaded "PC Builder Guide," an intuitive Android app in Java, streamlining the PC assembly process for novices.
- Applied agile methodologies and Model-View-ViewModel architecture for enhanced maintainability and robustness.
- Integrated Cloud Firestore for dynamic data management and SHA-256 for advanced security in user authentication.
- Implemented geolocation features with Google Maps API to connect users with local PC part retailers.
- Prioritized UX/UI excellence, driving iterative design improvements through proactive peer feedback loops.
- Overcame technical and design challenges through strategic problem-solving and continuous learning, significantly improving application performance and user satisfaction.

Learning Management System | Ruby on Rails, JavaScript, HTML, CSS

Nov 2022 – Dec 2022

- Spearheaded front-end design, ensuring intuitive UI/UX for both student and instructor interfaces.
- Facilitated real-time grade updates, empowering instructors to modify and relay feedback instantaneously.
- Enabled instructors to create, modify, or delete assignments, further aligning with comprehensive LMS features.
- Integrated a feature allowing students to upload assignments, comment on peers' submissions, and engage in collaborative learning.

Quizine! - A Food Questionnaire | Swift

Nov 2022 – Jan 2023

- Designed an interactive Swift application to determine users' favorite cuisine based on their food preferences.
- Engaged users by prompting them to select and rate various foods on a scale, creating an interactive experience.
- Applied algorithmic logic to allocate points to several cuisines, deriving the user's preference based on their input.

Javlar | Java

Feb 2022

- Developed with object orientation in mind, for full-immersive control over the bot
- Integrated two different APIs from GitHub.
- Use an efficient data structure suited for searching and replacing.
- A private music bot that is in live production in 3+ servers

TECHNICAL SKILLS

Languages: Java, Python, C, Ruby, JavaScript, HTML/CSS, Swift, SQLite, Assembly x86/64, GoLang, MATLAB

Frameworks: Node.js, Ruby on Rails, PyQt5, JUnit

Developer Tools: Git, VS Code, XCode, PyCharm, IntelliJ, Eclipse, Vim, PhpStorm, WebStorm, Android Studio, Gradle

Libraries: NumPy, Requests, Threading, datetime, Swing, Firebase Cloud Firestore, Matplotlib