

ITWELA IBOMU

Software Engineer

EDUCATION

Western Governors University

B.S Software Engineering – Grad date: 2026

PROJECTS

Financial Web Scraper Application

- Engineered a client-side frontend application using Python, enabling users to efficiently scrape the web (clerk.house.gov) and navigate the discovered links within the application.
- Leveraged the power of Pandas to generate, manage, and store complex financial data.
- Successfully integrated OpenAI's API to format and transform data into user-friendly links.
- Employed Customtkinter to construct a seamless, intuitive user interface, complete with comprehensive error handling and user instructions.

Text Detection Application

- Designed and developed an innovative, user-friendly tool using Python that identifies trading setups on screen, enhancing trading efficiency and decision-making.
- Successfully automated numerous computer functions, significantly improving the speed and accuracy of data entries and exits.

Portfolio Website

- Engineered a dynamic, user-friendly portfolio website utilizing HTML, CSS, JavaScript, and Three.js.
- Designed and implemented a responsive, interactive landing page to enhance user engagement.
- Integrated 3D modeling, texturing, and lighting to augment the site's aesthetic and thematic appeal.
- Leveraged Vercel for efficient hosting and data management, ensuring optimal site performance."

Trading Indicators/Algorithm(s)

- Utilized advanced algorithms to accurately detect trading setups, demonstrating strong problem-solving skills and a deep understanding of trading principles.
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SKILLS

Languages – Python, JavaScript, Html, CSS, C#, C++, Pinescript

Frameworks & Libraries – PyAutoGUI, Pandas, OpenAI API, Three.js

Tools & Technology – Git, GitHub, Vercel, Visual Studio
