JANET OLOWE

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EDUCATION

Cornell University, College of Agriculture and Life Sciences   Ithaca, New York
Bachelor of Science in Interdisciplinary Studies: Focus in Computer Science, Food Science, and Biology   May 2023
<u>Relevant Coursework:</u> Computing Using Python, Object-Oriented Programming and Data Structures, C++ Programming, Backend Development, IOS Development, Design and Programming for the Web

SKILLS

Programming Languages/Frameworks: JavaScript, TypeScript, HTML/CSS, Python, React JS, SQL, Swift
Technologies: Figma, Git, Postman, Docker, Visual Studio Code, Xcode, Jira, Microsoft Office
Languages: English, Yoruba

RELEVANT EXPERIENCE

Systems Planning and Analysis, Inc.   Alexandria, VA
Software Developer   Nov 2023 - Present
- Developed web-based applications using TypeScript, JS Web Components, Bootstrap, and C# for client SharePoint sites, improving deployment efficiency and user experience.
- Created and maintained data-intensive analytical tools and simulation models to support decision-making workflows for defense and government clients.
- Collaborated with program managers and development teams to deliver high-visibility, software solutions for internal and external stakeholders.
- Led presentations and training sessions on deliverables to technical and non-technical audiences, driving higher adoption rates of new tools.

Cornell University Food Industry Management Program   Ithaca, New York
Software Development Research Assistant   Sep 2022 - May 2023
- Improved the accuracy of operational decision-making algorithms for Cornell's Supermarket Simulation used by 70+ global executives annually by deciphering and organizing undocumented VBA code.
- Increased simulation performance and maintainability by reprogramming and enhancing the VBA-based simulation in Python, streamlining the workflow for future users.

PROJECT EXPERIENCE

3D Personal Portfolio | React JS, Three JS, Tailwind CSS, Framer Motion, Blender | Repository
- Designed and developed a responsive 3D portfolio website using React JS, Three JS, and Tailwind CSS to showcase personal projects and skills, enhancing user engagement through interactive 3D elements.
- Integrated smooth animations and transitions with Framer Motion, and utilized Blender to create custom 3D assets, providing a dynamic and visually appealing user experience.

Disney Plus Clone | React JS, Redux, Firebase | Repository
- Developed a dynamic streaming platform replica with React JS, using Redux for state management and Firebase for real-time database functionality, improving data retrieval efficiency.
- Leveraged Styled Components to streamline the styling process and enhance code maintainability.

Munchies | *Frontend Lead* | Figma, Swift, UIKit | Repository
- Led frontend development using Swift, to create a campus dining hall review app as part of a three-member team.
- Designed and implemented an intuitive interface and robust functionality to facilitate the review and rating of various dining halls, enabling users to make informed choices about their dining options.
- Collaborated with the backend team to ensure smooth integration and efficient data retrieval for dynamic content.

Oasis | *Backend Lead* | Python, Flask, SQLAlchemy, Google Cloud, Postman, Docker | Repository
- Led a team of five members in developing the backend of a transformative iOS application for mental health, fostering connections and support among students navigating mental health challenges on campus.
- Implemented secure login authentication features, prioritizing user privacy and confidentiality within the app.
- Successfully deployed the app on the Google Cloud platform, ensuring accessibility for a wide user base.

LEADERSHIP & INITIATIVES

Rewriting the Code   Sep 2024 - Present
Black Code Collective   Aug 2024 - Present
Mamelodi Initiative Math & Programming Instructor   June 2022 - July 2022