

FOLAHANMI ILORI

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PROFESSIONAL SUMMARY

Recent Informatics graduate with a strong foundation in data analysis, cloud technologies, and IT strategy. Experienced in building and deploying digital solutions through academic projects and research, with proven ability to analyze complex problems and deliver scalable, user-focused outcomes.

EDUCATION

University of Iowa, IA
B.A., Informatics (HCI)
Minor in Psychology
Graduated May 2025
Dean's List: Fall 2024 – Spring 2025

SKILLS

- Analysis Tools: Excel, Google Sheets, PowerBI, Qualtrics, Figma (learning), Optimal Workshop (familiar),
- Technical: Data Analysis, JavaScript, Python, SQL, Git, AWS (Lambda, DynamoDB, API), React, Vue.js
- Soft Skills: Communication, Curiosity, Collaboration, Empathy, Critical Thinking

PROJECTS/EXPERIENCE

Software Developer, Informatics Capstone

January 2025 – May 2025

- Designed and deployed a cloud-based platform (React + AWS) enabling students to search and apply for summer opportunities.
- Developed secure workflows with AWS Lambda & DynamoDB for dynamic data handling.
- Applied IT strategy by aligning project goals with user and business requirements, ensuring scalability and resilience.
- Collaborated in a team of 4 under Agile methodology, managing sprints with GitLab and JIRA.

AI Engineer, AI Ethics & Fairness Research

February 2025 – May 2025

- Applied 3 fairness metrics (equal opportunity, demographic parity, disparate impact) across 32,000+ samples from the Adult dataset, identifying bias patterns by gender and race.
- Used AIF360 and Fairlearn to assess and visualize model fairness across demographic group
- Documented findings in a final report with metric comparisons and ethical implications

Lead Developer, Movie Recommendation App

January 2024 – March 2024

- Designed and implemented a responsive UI for real time movie suggestions by integrating TMDB API.
- Collaborated with a team of 3 developers to optimize the application for performance and accessibility - Conducted user testing and incorporated feedback to enhance the recommendation experience
- Built modular UI components and participated in daily standups and code reviews