

Kaleb Asfaw

U.S. Citizen

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Relevant Skills: (*Proficient*): Python, Java, C (*Familiar*): JavaScript, AI/ML, JSON, REST APIs

Work Experience

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- **Research Assistant** *James Madison University* *January 20 - Present*
 - Supporting a technology-driven research initiative involving structured data analysis, experimentation, and documentation.
 - Organize, validate, and document datasets to support analysis, reproducibility, and future automation efforts.
 - **Seasonal Worker** *Vulcan Materials Company* *June 2025 – August 2025*
 - Handled temperature-control tasks during summer operations.
 - Completed routine maintenance and facility upkeep to ensure smooth, compliant plant operations.
 - **Front-End Associate** *Food Lion* *August 2024 – January 2025*
 - Processed customer transactions and provided excellent customer service.
 - Utilized POS systems effectively to process sales and manage customer data.

Projects

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- **SportsBetPro (In-progress)**
 - Designing a full-stack web application that integrates external APIs and explores AI-assisted automation to analyze and interpret structured sports data.
 - Designing AI-assisted features to analyze aggregated sports data and support intelligent insights, while integrating these components into the existing application architecture.
 - **KILowBites**
 - Developed a Java-based application focused on structured data management and business logic, simulating real-world enterprise application workflows.
 - Implemented the majority of the UI, developed the calorie calculation logic, and built the recipe creation and management features.
 - **RhymeSearch**
 - Built an interactive web interface that dynamically visualizes API data, using responsive design and event-driven interactions to optimize usability and user engagement.
 - Focused on efficient data handling, event-driven interactions, and clean separation between data processing and UI logic.

Education

James Madison University	Bachelors of Science in Computer Science
Awards: Deans list for 3 semesters	Expected Graduation May 2026

Activities

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| ● Theta Tau (Professional Engineering Fraternity) | 2023-Present |
| ● Autonomous Robotics | Fall, 2025 |
| ● Ethiopian/Eritrean Student Association | 2022-2024 |