

Kaleb Asfaw

U.S. Citizen

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

Work Experience

● Research Assistant	James Madison University	<i>January 20 - Present</i>
○ 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	<i>June 2025 – August 2025</i>
○ Handled temperature-control tasks during summer operations.		
○ Completed routine maintenance and facility upkeep to ensure smooth, compliant plant operations.		
● Front-End Associate	Food Lion	<i>August 2024 – January 2025</i>
○ Processed customer transactions and provided excellent customer service.		
○ Utilized POS systems effectively to process sales and manage customer data.		

Projects

● 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

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