

# Kaleb Asfaw

U.S. Citizen

**Phone:** (703)-477-7579 | **Email:** kalebasfaw1@gmail.com | **GitHub:** [github.com/kalebasfaw1](https://github.com/kalebasfaw1)

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

## Work Experience

- |   |                                 |                                   |
|---|---------------------------------|-----------------------------------|
| <ul style="list-style-type: none"><li>● <b>Research Assistant</b></li><li>● <b>Seasonal Worker</b></li><li>● <b>Front-End Associate</b></li></ul> | <b>James Madison University</b> | <i>January 20 - Present</i>       |
|   | <b>Vulcan Materials Company</b> | <i>June 2025 – August 2025</i>    |
|   | <b>Food Lion</b>                | <i>August 2024 – January 2025</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.
- Handled temperature-control tasks during summer operations.
  - Completed routine maintenance and facility upkeep to ensure smooth, compliant plant operations.
- 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**

**Awards:** Deans list for 3 semesters

Bachelors of Science in Computer Science

Expected Graduation May 2026

## Activities

- |  |              |
|--|--------------|
| <ul style="list-style-type: none"><li>● Theta Tau (Professional Engineering Fraternity)</li><li>● Autonomous Robotics</li><li>● Ethiopian/Eritrean Student Association</li></ul> | 2023-Present |
|  | Fall, 2025   |
|  | 2022-2024    |