

OBJECTIVE

Driven and detail-oriented junior Computer Science student with a strong foundation in programming, software development, and problem-solving. Passionate about leveraging technical skills to develop innovative solutions and gain hands-on experience in real-world applications. Seeking opportunities to contribute, learn, and grow in a dynamic environment

EDUCATION

Western Kentucky University
Bachelor's degree in Computer Science

Bowling Green, Kentucky
2023 – present

- Expected Graduation: Fall 2026
- Relevant Courses: Data Structures, Algorithms, Database Management, Machine Learning, Software Engineering, Java I, Java II, Gaming, Programming Languages, Intro to Web Programming, Intro to Unix, Python, Big Data.
- Dean's Award Recipient for Outstanding Academic Achievement

EXPERIENCE

International Center Kentucky
Volunteer Intern

Bowling Green, Kentucky
2024

- Gained hands-on experience supporting diverse individuals in a global context.
- Contributed to strengthening cultural integration efforts through educational programs and community outreach.
- Assisted in developing initiatives to improve access to resources for international communities

PROJECTS

DRS Test Automation Framework - Developer
Western Kentucky University

Bowling Green, Kentucky
Fall 2025

- Designed and implemented a **robust Python-based test automation framework** for a distributed disaster response coordination system.
- Built and executed **unit, integration, and system tests** to ensure scalability, reliability, and correctness of API endpoints.
- Leveraged **FastAPI, Pytest, and CI/CD pipelines** to support automated testing, improving code quality and reducing manual effort.

SunSketcher IOS App - Team Member
Western Kentucky University

Bowling Green, Kentucky
Fall 2025 (Semester-Long Project)

- Contributed to the development of an **iOS app for eclipse photography**, enabling citizen scientists to capture and upload solar eclipse images.
- Worked on project documentation, **requirements analysis, system design, and architecture diagrams** while collaborating with teammates on coding.
- Applied **software engineering practices** including sprints, Gantt charts, and team evaluations under Agile methodology.

Image Processing App - Team Member
Western Kentucky University

Bowling Green, Kentucky
Fall 2025

- Collaborated with a teammate to design and implement an **image editing application** with features such as batch

resizing, cropping, and filters.

- Focused on writing clear and detailed **documentation**, while partner contributed on the coding side.
- Strengthened understanding of **GUI design, functional requirements, and teamwork** in software development projects.

ADDITIONAL INFORMATION

- Technical: Excel, Java, C++, Python, R, SQL, data structures, object-oriented programming, software development, database management, problem-solving, analytical thinking