Joseph Kimbrough

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EDUCATION

University of Missouri - Kansas City   **December 2025**
Pursuing a Bachelor of Science in Computer Science   Current GPA: 3.2

Technical Experience

Languages: C++, Python, Java, PostgreSQL, SQL, Javascript, HTML, Rust, and more.
Development Environments: MySQL, SQLServer, Eclipse, VS Code, Visual Studio, Git, Kali Linux, VMware, DrRacket, React, Flask.
Experience In: Agile and SCRUM Software Design, Waterfall Methodology, JUnit Testing, Black Box and White Box Software Testing, Object Oriented Programming, SOLID Principles, Software Quality Assurance, JIRA.
Specialty Courses: Foundations of Software Engineering, Programming Languages: Design & Implementation, Intro to Operating Systems, Data Structures, Intro to Algorithms and Complexity, Database Management Systems, Software Security, Discrete Structures.

Work Experience

Aramark, Independence, MO
Systems Administrator Intern   **May 2022 – January 2024**

- Collaborated with business leaders to align with organizational objectives, ensuring execution of technology within a strict deadline.
- Managed and troubleshooted Point of Sale (POS) systems across multiple platforms. Troubleshooted both on-site and off-site POS systems at high-profile locations such as the Kansas City Convention Center, Arrowhead Stadium, and Kauffman Stadium.

Technical Projects

Real-Time Threat Intelligence & Risk Management System
Intro to Cybersecurity – Python, React, PostgreSQL, Shodan API, HuggingFace, Flask

- Collaborated with a team of 5 to design and build a cyber threat intelligence system
- Integrated Shodan API to collect live OSINT threat data (open ports, services) and stored it in a PostgreSQL database
- Built a React dashboard for real-time threat visualization; alerts triggered via email for high-risk threats
- Designed and maintained a PostgreSQL database to store and organize live OSINT threat data, including ports, services, and risk metadata

Simulated Banking System for Commerce Bank   **December 2025**
Software Engineering Capstone - C#, .NET, React, PostgreSQL

- Collaborated in a team of five using Agile methodology, participating in sprint planning, daily stand-ups, and retrospectives.
- Designed and delivered the application as part of a team assignment for Commerce Bank, focusing on real-world financial use cases and enterprise-level coding standards.
- Developed a full-stack finance management application using React for the frontend, .NET (C#) for the backend, and PostgreSQL for persistent data storage.
- Designed and delivered the application as part of a team assignment for Commerce Bank, focusing on real-world financial use cases and enterprise-level coding standards.