

# Joseph Kimbrough

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## EDUCATION

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**University of Missouri - Kansas City**  
Bachelor of Science in Computer Science

## Technical Experience

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**Languages:** C++, Python, C#, Java, PostgreSQL, SQL, Javascript, HTML, Rust, and more.

**Development Environments:** MySQL, SQLServer, Eclipse, VS Code, Visual Studio, Git, VMware, React, Flask, .NET.

**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, Operating Systems, Data Structures, Algorithms and Complexity, Database Management Systems, Software Security, Discrete Structures.

## Work Experience

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**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

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### 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

*Software Engineering Capstone* - React, TypeScript, Tailwind CSS, C#, .NET Core Entity

Framework, PostgreSQL, Docker, Swagger/OpenAPI, JWT

- Collaborated in a team of five using Agile methodology, participating in sprint planning, daily stand-ups, and retrospectives.
- Designed and delivered an 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.