## **David Shimkus**

Education \_

**MS in Computer Science** 

August 2020 - December 2023

Southern Illinois University Edwardsville

Edwardsville, Illinois

**BS in Computer Science, Mathematics Minor** 

September 2012 - May 2017

Southern Illinois University Edwardsville

Edwardsville, Illinois

Work Experience \_\_\_\_\_

**Software Engineer** April 2023 - Present

Ameren Services

St. Louis, Missouri and Remote

- Leading and participating in software success with a focus in Smart Metering technologies.
- Delivering various scripting and automation tasks to support infrastructure and maintain data integrity.
- Providing recommendations to developers, operations groups, cybersecurity groups, and management.
- Executing software upgrades, disaster recovery exercises, and load/stress testing.
- · Completing detailed, concise, and correct documentation for teammates and other groups to consume.

## **Senior Operations Specialist**

October 2022 - April 2023

Ameren Services

Collinsville, Illinois and Remote

- · Led a development team in implementing automated system validations with SmartBear software.
- · Facilitated integrations with other teams' systems including MuleSoft Enterprise Service Bus.
- Executed Oracle WebLogic and Microsoft .NET application upgrading, troubleshooting, and patching.
- · Maintained focus on supporting customers with a "Meter to Cash" philosophy.

**Operations Specialist** April 2019 - October 2022

Ameren Services

Ameren Services

Collinsville, Illinois

St. Louis, Missouri

- Participated in solution architecture design and troubleshooting.
- Familiarized with Red Hat Enterprise Linux 7/8, Windows Server 2016/2019, and VMware vCenter.
- · Resolved ServiceNow requests, incidents, and other items.
- · Administrated Active Directory and supported end users.
- Rewrote and reorganized batch jobs to complete daily data processing before 6AM instead of after 9AM.

**Programming Analyst** June 2017 - April 2019

Built a custom C# Model View Controller program for users to search for meter voltage data more efficiently.

- · Wrote many different Oracle SQL queries, performed data analysis, and familiarized with different databases.
- Developed custom batch jobs for execution via AutoSys, and justified their migration to production.
- Worked in an on-call rotation of production batch support, troubleshooting, and resolution.
- · Obtained general knowledge of adhering to best practices, conflict management, and business jargon.

## Additional Information \_\_\_\_\_

- 4.0 GPA in MS program.
- · Cisco Certified Network Associate (CCNA) awarded in August 2024.
- Lifetime membership to Phi Kappa Phi Honor Society awarded in March 2022.
- · MS thesis research topic: "An Analysis of Quantum Error Correction Methods and Entangled Logical Qubits."
- · Part-time paraprofessional licensed middle school algebra tutor as of January 2022.
- · Volunteer activity: Game Development Group (GDG) at Southern Illinois University Edwardsville.
- Volunteer activity: Various fundraisers and groups at Holy Cross Lutheran Church and School in Collinsville, Illinois.