Sarah Eagle

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EDUCATION

Illinois State University

Computer Science | B.S.   *May 2023*

Coursework: Mobile and Cloud Computing, Advanced Web Development, Principles of Operating Systems, Database Processing, Data Structures and Algorithms.

Projects:
- Created a shopping web application for a mock furniture company using React and Firebase.
- Developed an iOS app to capture pictures of artwork and log it into a journal.

EXPERIENCE

SQL Server Database Administrator

Normal, IL

Illinois State University   *Jan. 2021-Present*
- Maintained 90+ Windows Servers, versions 2012 R2 through 2022.
- Supervised a team of three student workers, providing leadership and technical training.
- Optimized SQL Server database infrastructure, such as performance tuning, indexing, and query optimization to enhance system efficiency and minimize downtime.
- Implemented database backup and disaster recovery strategies to ensure high availability.
- Collaborated with cross-functional teams to troubleshoot and resolve database issues.
- Developed documentation for database systems.
- Completed installation and configuration guides, standard operating procedures and performance reports.
- Generated audit and security reports for SQL Server systems.

Student Database Administrator

Normal, IL

Illinois State University   *July 2019 - Jan. 2021*
- Assisted in server management tasks such as patch cycles and permissions.
- Managed backup, restore, and other database tasks.
- Wrote queries to check the health of servers and backups.

SKILLS

- Database: SQL Server, PostgreSQL
- Programming Languages: C, C++, Java, Python, T-SQL, Ansible, Powershell
- Operating Systems: Windows Server, Unix/Linux
- Other: Technical Writing, Project Tracking, Management Experience, Interpersonal and Collaborative Skills

LEADERSHIP DEVELOPMENT

Women In Technology

Illinois State University

Faculty Group   *Spring 2023 - present*
- Aided in establishing the affinity group.
- Initiated a mentorship program between the faculty and students.
- Engaged in activities amongst peers to prepare for situations in the field of IT.