

Jeremiah Crowell

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WORK EXPERIENCE

John Deere - *Software Engineer*

FEB 2023 - CURRENT

- Built and released a modern part ordering application using React, integrating it with the SAP backend using Java Spring Boot and Azure APIM, implementing many features including order tracking and returns.
- Developed custom ABAP reports to create business efficiency and maintained SAP configurations to provide 99% reliability for business users.s.

Midland States Bank - *Data Engineering Intern*

MAY - AUG 2022

- Replaced inefficient but commonly run SQL query with a solution in our EDL system leading to a roughly 60% speed increase.
- Developed custom data mappings to help meet the analysis needs of the bank.
- Developed scripts and standards for file origination and data pipelining between institutions.

Juni Learning - *Computer Science Tutor*

SEPT 2020 - MAY 2022

- Tutored 4+ students per week on a personal basis. Built strong relationships and encouraged advanced learning by carefully challenging students.
- Planned daily lessons and weekly schedules for each individual student. Flexibility in taking on new students and changing schedules on a weekly basis.

EDUCATION

University of Illinois, Urbana-Champaign

M.S. Computer Science in Data Science AUG 2023 - CURRENT

B.S. Computer Science and Statistics AUG 2019 - DEC 2022 : 3.66 GPA

- Relevant curriculum: Statistical Computing, Artificial Intelligence, Database Systems, Programming Languages and Compilers, Algorithms and Models of Comp., Systems Programming

SKILLS AND OTHER EXPERIENCE

- **Python** (Numpy, matplotlib, Flask, Django, Selenium, PyTorch); **C/C++**; **Javascript/HTML/CSS** (React, Next.js) **SQL** (Oracle, MySQL, Postgres); **R** (RStudio, Rmd); **Java** (Android SDK); **Cloud** (AWS, Linode, Google Cloud); **PHP**; **Powershell**, **Bash**, **Git**, **REST APIs**.