

Christelle Seri

christelleseri9@gmail.com | [linkedin.com/in/christelle-seri](https://www.linkedin.com/in/christelle-seri)

EDUCATION

University of Texas at Austin

Masters of Data Science

Expected May 2026

GPA: 3.66

University of Illinois at Urbana-Champaign

Bachelor of Science in Electrical Engineering with Honors

Aug. 2019 - May 2023

GPA: 3.78

EXPERIENCE

Application Developer II

ERCOT

Austin, Texas

July 2023 - Present

- Led full stack development for a \$2M power grid communications project, delivering functionality to facilitate communication during critical operations
- Automated a core verification process, cutting weekly manual effort by 50% and enhancing reliability for ERCOT's 25M customers
- Contributed to GridGeo, a React and Java-based single page application used to visualize the Texas power grid in real time
- Collaborated cross-functionally with ERCOT operators, and developers to gather feedback and translate requirements to an application design
- Developed backend systems using Java Servlets, JDBC, and SQL to support up to 200 concurrent users
- Built 15+ automated tests using JUnit and Selenium reducing manual QA effort and enabling reliable regression testing
- Implemented over 20 SQL database tables with constraints, and procedures to optimize data integrity

Software Developer Intern

Network Perception

Chicago, Illinois

June - December 2021, June - August 2020

- Upgraded the tables of the network visualization tool to use the UI Tables library
- Created a website to host various developer tools by leveraging Flask, MongoDB, and Angular
- Built a tool to parse error logs and display them into searchable tables streamlining internal debugging
- Worked with the in-house UI designer to deliver features to specification

SKILLS

- **Programming Languages:** Python, Java, SQL, JavaScript
- **Frameworks:** Tornado, Pytest, JUnit, Selenium, React
- **Tools & Platforms:** Apache Tomcat, Maven, Git