

Education

University of St. Thomas

May 2026

B.S. Computer Science & Minors in Data Science, Spanish, Theology

- *Coursework including: Artificial Intelligence and Robotics, Data Mining and Machine Learning, Advanced Information Security, Advanced Database Design, Object-Oriented Programming and Design, Applied Regression Analysis, Web Development, Data Structures, Discrete Mathematics, Data Fundamentals and Applications.*

Professional Experience

Senior Data Analyst Intern

Xcel Energy
Minneapolis, MN

Jan 2025 -

- Migrated all of Xcel Energy's solar analytics data pipelines and dashboards from **Salesforce to Databricks**, boosting **data processing speed by 40%** and scaling for datasets of millions of rows.
- Automated regulatory reporting pipelines with **SQL and Python**, cutting **800 hours** of manual work per year.
- Oversaw the **data department's Jira ecosystem**, integrating **REST APIs** and automation scripts to enhance visibility, accelerate project delivery, and improve collaboration across teams.
- Automated data extraction from **Salesforce** using **SOQL** and **APIs**, improving data availability for reporting and **reducing manual data handling by 70%**.

Owner & Operator

Winecuff Construction
St. Paul, MN

May 2024 -

- Founded and managed an exteriors contracting company, completed **over \$150,000 in projects** in 2025.
- Conducted door-to-door and business-to-business sales, resulting in over **50 new client acquisitions**.
- Built and maintained client and storm damage databases, including development of a **custom hail tracking program** to gain competitive advantage.

Projects

HomeAware – Full-Stack Storm Damage Tracker (*React, HTML/CSS, Flask, Leaflet.js, Docker, AWS*)

- Developed a **Flask** backend to map NOAA data for damage assessment, by interfacing with **NOAA, Google APIs**.
- Built an interactive **React/HTML/CSS** front-end with **Leaflet.js** for **geospatial data** visualization.
- Containerized the application with **Docker** and deployed via **AWS EC2** for scalable access to NOAA datasets.

Technologies and Languages

- **Languages** – Python, SQL, Java, R, TypeScript, JavaScript, HTML, CSS, C, C#, MATLAB
- **Technologies** – Git, Azure, Databricks, Power BI, Salesforce, Excel, Linux, AWS, Google Cloud
- **Frameworks** – Flask, React.js, Bootstrap, Web APIs
- **Other** – Fluent in English and Spanish

Other Experience and Interests

- **Vice President & Head Recruiting Coordinator** – University of St. Thomas Rugby
- **Executive Board Member** – University of St. Thomas Data Science and Analytics Club.
- **Associate Concertmaster** – University of St. Thomas Orchestra
- **Mission Core Member** – Saint Paul's Outreach, University of St. Thomas Chapter