

LEE A. WERNER

1073 23rd Ave SE, Minneapolis, MN, 55414

708-609-2775 | werne401@umn.edu

LinkedIn: [linkedin.com/in/lee-werner](https://www.linkedin.com/in/lee-werner)

Website: werne401.github.io

Education

- M.S. Information Science, Graduation May 2021 – *University of Wisconsin – Madison* GPA: 3.9
- B.S. Geological Engineering, Graduated May 2018 – *University of Minnesota – Twin Cities* GPA: 3.4

Work Experience

Business Data Analyst, *Ecolab*

September 2019 – Present

- Write and run SQL queries in SQL Server Management to identify data consistency problems and report them to the development team.
- Produce statistical summaries and workload forecasts using Python and MS Excel that help the team plan for future budgeting and resource allocation.
- Use MS Excel VBA macros to perform quality control checks on spreadsheets prior to data loading using Salesforce' Apex Data Loader or EBX5 batch data loader.
- Field, troubleshoot, and resolve data management related tickets in ServiceNow using available software including Salesforce, SQL Server Management, EBX5, Okta, and Azure Active Directory.
- Develop executable Python scripts with embedded SOQL and SQL queries that draw from Salesforce and SQL Server databases to generate profiles of user data to help analysts with fast troubleshooting.
- Collaborate with a multi-faceted team involving customers, sales representatives, technical developers, and corporate account support to ensure consistent data management on Salesforce and the customer portal.

Data Analyst Intern, *University of Minnesota Libraries*

May 2019 – August 2019

- Generate Tableau dashboards and stories using faculty research metadata for University of Minnesota administrators to use in strategic decision making.
- Construct relational SQL tabulated schemas of data from JSON faculty research metadata to allow for data interpretation and analysis.
- Monitor and analyze web activity of the library homepage and other key website resources using Google Analytics to then generate reports for decision committees to influence web content and design.

Market Data Analyst Intern, *Be The Match – National Marrow Donation Program*

October 2018 – September 2019

- Parse through survey data and focus group notes to create presentations and reports supporting the company's strategic direction to increase donor recruitment and ensure positive donor experiences.
- Clean datasets from online public access data sources to provide superiors with accessible, formatted data using MS Excel, Python, and PSPP (open-source version of SPSS).
- Create demographic and institutional market profiles that highlight key research insights to be used for the organization's strategic marketing initiative.
- Actively network within the organization to identify additional tasks that further the organization's overall mission.

Teaching Assistant; Computer Applications in Engineering, *University of Minnesota*

September 2016 – May 2018

- Mentor students and assist with their projects in MatLab and MS Excel that involve a blend of data manipulation, statistical concepts, and engineering application.
- Teach complicated statistical and engineering concepts to a variety of students with different learning approaches.
- Efficiently grade coursework done by students and report results to the course instructor.

Geoengineering Intern, *Northern Technologies Inc.*

May 2016 – August 2016

- Perform quality assurance lab and field tests on construction materials and report results to clients and supervisors.
- Maintain organized and timely processing of paperwork related to field and laboratory tests for preservation and documentation.

Extra-curriculars & Activities

2018	Volunteer at Minneapolis Central Library
2017 - 2018	President of the UMN Student Society for Mining, Metallurgy, & Exploration
2016 - 2017	President of the UMN Student Gymnastics Club
2012 – 2014	Special Olympics Gymnastics Coach