


# STEVEN LASCH

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 Erie, PA

## EXPERIENCE

### Business Intelligence Developer | [Erie Federal Credit Union](#)

May 2024 – present

- ◇ Centralized management and executive-level MCIF reporting into an interactive dashboard environment.
- ◇ Managed our institution's cross-departmental report request form, which handles all data requests—ensuring reports were released on a need-to-know basis.
- ◇ Created monthly dashboards for marketing and branch operations.
- ◇ Use industry standard data visualization software to present data insights to stakeholders.
- ◇ Ensure smooth ETL processing for the credit union's data.

### Data Analyst | [Innovation Entente Lab](#)

May 2023 – May 2024

- ◇ Created data visualizations and dashboards for a variety of small business clients.
- ◇ Conducted SEO analysis for small business websites to pinpoint areas for improvement.
- ◇ Assisted clients in implementing SEO recommendations, reducing latency by up to 300% and boosting results page rankings.

### Data Scientist | [Mercyhurst University CIRAT](#)

Apr. 2022 – May 2024

- ◇ Undertaken a leadership role as project manager for multiple projects.
- ◇ Oversaw a group of 3 undergraduate data science majors tasked with developing a cost-effective website chatbot from a limited knowledgebase.
- ◇ Oversaw and conducted research on the impact of AI to higher education as a stakeholder report for our university's president and her fellow board members.
- ◇ Created and disseminated data visualizations and reports to clients using Matplotlib and Pandas.

### Data Scientist - Contract Researcher | [Empower AI](#)

Apr. 2022 – Apr. 2023

- ◇ Assisted implementation of a legacy-to-modern code translation model using a pretrained transformer architecture.
- ◇ Created training data by cleaning and standardizing code files from over 100 open-source GitHub repositories.

## EDUCATION

### M.S. Computer Science | [Georgia Institute of Technology](#)

Sep. 2024 – present

- ◇ Artificial intelligence (f.k.a. human-computer interaction) specialization.
- ◇ Coursework includes machine learning (ML) theory, applied ML in the financial sector and healthcare, knowledge-based AI, and cognitive science.

### B.S. Data Science (GPA: 4.0) | [Mercyhurst University](#)

Aug. 2020 – May 2024

- ◇ Mathematics and Religious Studies Minor
- ◇ Published research on ASL translation as my senior capstone project (see *Academic Interests* below).
- ◇ Graduated summa cum laude

## SKILL SETS

### Industry-Specific

- ◇ 5 years experience with general-purpose programming languages (primarily Python and Java) and statistical programming languages (R, some MatLab).
- ◇ 2+ years of financial analytics experience working in the analytics department at an \$800M asset credit union.
- ◇ 2+ years data engineering experience via SSMS, MySQL, and PowerBI.
- ◇ Experience with version control software such as GitHub, and using Git via a command line interface.
- ◇ Various IDEs including: Pycharm, VS Code, Google Colab, RStudio, Eclipse.

### Academic Interests

- ◇ Using ML techniques in the financial sector for portfolio management and optimization, and indicator analysis.
- ◇ Published research on American Sign Language to English translation using transfer learning coupled with a transformer ML architecture (2023, *IEEE Xplore* — doi:10.1109/AIBThings58340.2023.10291026)