

# 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.
- ◊ Developed and automated cross-departmental report request form, which handles all data requests.
  - ◊ Enabled easier ticket tracking.
  - ◊ Centralizes report requesting, which alleviated communication pain-points.
- ◊ Developed an internal informational site about our analytics department using SharePoint Pages, further promoting a culture of data sharing.
- ◊ Created automated monthly dashboards for marketing and branch operations in PowerBI and proprietary software environments.

### 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.
- ◊ Well rounded coursework involving machine learning (ML) theory, applied ML in the financial sector and healthcare, knowledge-based AI, cognitive science, and analytics.

### 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)