

Gabriel Larson

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Professional Summary

Data Analyst with over 1.5 years of experience in data collection and performance analysis, leveraging Python and MySQL to drive actionable insights. I've successfully managed proxy usage data, created clear reports for non-technical stakeholders, and proposed improvements that enhanced service quality. My work has consistently resulted in data-driven decisions that optimize operational efficiency and user experience.

Education

University of Minnesota - Twin Cities

September 2019 - December 2023

Bachelor's, Data Science

GPA: 3.8

- Advanced Machine Learning
- Operations Research for Data Science
- Theory of Statistics

Professional Experience

Secure Proxies

Remote

Data Analyst

June 2023 - December 2024

- Collected and managed proxy usage data, including traffic, user behavior, and access patterns in MySQL database
- Utilized Python to analyze performance of proxy servers, including response times, load times, and failure rates
- Created reports to explain complex analyses for a non-technical audience
- Suggested improvements to proxy services based on data-driven insights

Amazon

Minneapolis, MN, USA

Associate

May 2022 - June 2023

- Ensured accurate receiving, stocking, and organization of perishable and non-perishable grocery items

Projects & Outside Experience

Personal Website - [Link to project](#)

- Check out my personal website (oct6.org) to see more projects and papers that I've worked on!

PowerShell AI Assistant - [Link to project](#)

- Developed a CLI utility that integrates PowerShell with local AI to provide instant analysis of command outputs, enabling rapid debugging and learning through natural language queries.

Gustave Doré LORA for SDXL - [Link to project](#)

- Developed a LoRA model for Stable Diffusion XL that captures the distinctive artistic style of 19th-century illustrator Gustave Doré
- Created using a personally curated dataset of 4000 high-resolution images and implemented BLIP-2 for automated labeling to use during training.

GABREIL - [Link to project](#)

- Implemented and compared multiple reinforcement learning agents in a poker environment using Python and Keras; developed custom environment wrapper and reward functions to enable AI agents to learn betting strategies

Skills

Skills: Git, HTML/CSS, Java, Python, Machine Learning, Linux/Unix, Pytorch, Keras, Data Science, Data Analysis, Data Structures & Algorithms, AWS, Google Cloud Platform, Docker, Jupyter, NumPy, R, C, MySQL, SQL, Tensorflow, Scikit-learn, LLM, Bash, C/C++, Computer Vision, Excel/Numbers/Sheets, Neural Networks, OpenCV, Pandas, Postgres, PowerShell, R, RDBMS, Reinforcement Learning