Rowan Torbitzky-Lane

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Skills

- Linux
- Python Pandas/Polars
- C++
- Java
- Rust
- Haskell

- Nginx
- PyTorch
- Slurm
- Bash
- Django
- TypeScript

- Docker
- VBA
- Azure DevOps
- SQL (Microsoft/PostgreSQL)
- Git
- Firewalld

Personal Projects

Self-Hosted Linux Server   January 2023 - Present

- Interact with Router Firewall
- Host Wireguard Virtual Private Network
- Manage Reverse Proxy connections with Nginx
- Point Domain Names via A Records
- Built from Components Ordered Online
- Self Host a Git Server

Rust Genetic Programming Framework   March 2025 - May 2025

- Utilize Test Driven Development Philosophy
- Perform Pre-Processing on Time Series Data
- Write Macros for Reduced Boilerplate
- Analyze Other Developers' Code for Concept Understanding
- Read the Rust Manual Explaining Common Scenarios
- Utilize Third Party Libraries for Increased Performance

Education

Missouri University of Science and Technology   Rolla, MO
B.S. Computer Science, with a Minor in Mathematics.   December 2024
Summa Cum Laude   GPA: 3.80/4.00

Experience

Data Science Co-Op   January 2022 - August 2022
Hunter Engineering Company   Bridgeton, MO

- Utilize Microsoft Excel for Data Annotation
- Train Convolutional Neural Networks with YOLO and PyTorch
- Design and write APIs with FastAPI and Flask
- Containerize said APIs with Docker
- Program internal tooling leveraging Pandas and Microsoft SQL
- Implement workflows into internal Azure DevOps Git repository
- Attend Bi-Weekly Lunch and Learns covering Full-Time Employee Responsibility