Rowan Torbitzky-Lane

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Summary

To work at Dragonfly as a Rust Software Engineer - Dragonfly Portfolio. I spent a few months hyperfocusing on markets/crypto, attempting to learn the basics. I taught myself Rust earlier this year because I think it's the future. I've been programming for 6 years personally. I don't write my resumes with LLMs. I dabble in AI generally too.

Education

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

Experience

NSF REU Program   May 2024 - October 2024
Missouri University of Science and Technology   Rolla, MO

- Present Research Findings Weekly at Meetings
- Experiment with LLMs and Next-Token Prediction on Genome Sequences
- Clean text data with Scikit-learn and Scikit-bio

Undergraduate Research Assistant   May 2023 - October 2023
Center for Intelligent Infrastructure   Rolla, MO

- Utilize PostgreSQL for Infrastructure Data Storage
- Calculate Optical Flow with MATLAB and C++ utilizing Slurm
- Use Django to manage Web Requests
- Program User Interfaces with TypeScript
- Manipulate videos using OpenCV
- Perform Annotations for Image Segmentation Neural Networks
- Participated in Weekly Meetings discussing State of Project

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
- Utilize AWS S3 for Image Storage

Personal Projects

Rust Genetic Programming Framework   March 2025 - Present

- Write Macros for Reduced Boilerplate
- Analyze Other Developers' Code for Concept Understanding
- Utilize Third Party Libraries for Increased Performance

Invited Talks

Genetic Programming in Python @ PySTL https://www.youtube.com/watch?v=ZzYi_j2IYuY   September 18th, 2025