

Rowan Torbitzky-Lane

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Summary

A fresh university graduate ready to enter the workforce. I have experience working with students and performing administrative tasks for my various organizations.

Education

Missouri University of Science and Technology

B.S. Computer Science, with a Minor in Mathematics

Summa Cum Laude

Rolla, MO

December 2024

Experience

NSF REU Program

Missouri University of Science and Technology

May 2024 - October 2024

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

Center for Intelligent Infrastructure

May 2023 - October 2023

Rolla, MO

- Calculate Optical Flow with MATLAB and C++ utilizing Slurm
- Use Django for Web Requests
- Program User Interfaces with TypeScript
- Manipulate videos using OpenCV
- Perform Annotations for Image Segmentation Neural Networks
- Updated Website Showcasing Research Advancements

Data Science Co-Op

Hunter Engineering Company

January 2022 - August 2022

Bridgeton, MO

- 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 Microsoft Excel for Data Annotation
- Use AWS S3 Bucket Storage for Data

Computational Problem Solving Tutor

Missouri University of Science and Technology

January 2021 - May 2021

Rolla, MO

- Tutor Students through python assignments
- Hold office hours three days a week
- Attend Weekly class state meetings

Invited Talks

Genetic Programming in Python @ PySTL https://www.youtube.com/watch?v=ZzYi_j2IYuY

September 18th, 2025