

Ian Solberg

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EDUCATION

Northeastern University

Bachelor of Science in Data Science & Economics

Boston, MA

Expected Graduation: Spring 2028

Achievements: 3.43 GPA, Dean's List

Relevant Courses: Advanced Programming with Data, Monetary and Fiscal Policy, Applied Econometrics, Statistics and Machine Learning for Economics

Activities: Varsity Track and Field (High Jump, Sept 2023 – June 2025)

EXPERIENCE

Northeastern University

Research Computing Research Assistant - Loth Lab

Boston, MA

September 2025 - Present

- Developing interactive dashboards to visualize and interact with data related to Chiari Malformation I patients and associated bioinformatics

Edgewater Farm

Contracted Database Migration + Progressive Web App Development

Plainfield, NH / Remote

July 2025 – Present

- Migrated Edgewater Farm's legacy data from AccessDB to MySQL
- Developed progressive web app for database interaction with Streamlit frontend via a custom API, and MySQL backend for farm administrators as well as field workers to streamline data entry
- Allows employees to manage inventory, track plantings, incoming orders, as well as generate labels for retail without the need for paper records

Dartmouth College Research Computing

Research Software Engineering Intern

Hanover, NH

June 2025 – August 2025

- Created the validation pipeline for a research paper utilizing BERT scoring and other natural language fidelity measures to score LLM generated synthetic ophthalmology-related PHI records from 200 original and adversarial case study inputs to be used in research applications
- Acted as a teaching Assistant at Dartmouth Summer Scholar's Data Science course for 40+ students
- Acquired, transformed, and migrated hydrological data for the Culvert Crawlers community science initiative, a stormwater infrastructure monitoring program supporting culvert and drainage maintenance as well as flood resilience in Vermont
- Designed frontend using the Chainlit library for a chatbot used on Research Computing's website for ticket intake

Vermontica

Project Lead Painter

Wilder, VT

June 2022 – August 2024

- Led painting projects throughout the Upper Valley region, managing project timelines and delivering high quality results
- Coordinated with team members to complete residential painting contracts efficiently

SKILLS & INTERESTS

Skills: Python, SQL, Git, Docker, Data Engineering, Streamlit, Panel, MySQL, NLP, Backend Development, Excel/Microsoft Office, Data Analysis, Technical Writing, Teamwork, Project Management,

Additional Interests Music Production / Audio Engineering, Cooking, Thrifting, Carpentry (intermediate)