Zackary Sickmann

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Second-year Data Science major with experience in various programming languages. I am looking forward to making cutting edge decisions through predictive modeling and data analysis in a professional environment. Seeking an internship or co-op beginning summer 2025

Education

Michigan Technical University (Fall 2023 - Spring 2026)

- 93 credits (60 transfer)
- 3.90 GPA

Relevant Coursework

CS2321: Data Structures, CS 2311: Discrete Structures, MIS3100: Database Management, CS1142: Programming at the Hardware/Software Interface, MA3740: Statistics Programming and Analysis, MA4720: Design and Analysis of Experiments, MIS3200: Systems Analysis and Design, SAT3310 Scripting for Administration, Automation and Security.

Work Experience

CS1121 Lab Assistant:

Helping students learn the fundamentals of programming by helping them through lab assignments. My favorite part of this job is seeing the out-of-the-box ways these students solve simple problems because it is this divergent problem-solving ability which drives innovative and original ideas.

Languages

Python, Java, R, SAS, JavaScript, HTML/CSS

In Progress: SQL, C

Tools

Github, Intellij, RStudio, VS Code,

In Progress: Azure Data Studio, Linux, Junit Testing, Eclipse

Projects

- AI Chess Bot Prototype, Python:
    - 3x3 board which chooses a move based on the win-loss record out of that position.
- Web Scraping and Linear Regression Machine Learning Model, Python:
    - Used web scraped data to perform a linear regression algorithm.
- Evolution Simulator, JavaScript:
    - Simulate evolution among microorganisms through this simple ML model.