

Abigail E. Parisot

East Lansing, MI | aeparisot.github.io

Computational Data Science Senior at Michigan State University passionate about turning numbers into action

EDUCATION

Michigan State University, College of Engineering

East Lansing, MI

Bachelor of Science, Computational Data Science, 3.265 GPA

August 2022 - December 2026

Studying foundations of data science through a wide range of fundamental computer science courses from web development to theory of computation and fundamental algorithms

Oxford High School

Oxford, MI

High School Diploma, 4.0 GPA

August 2018 - May 2022

RELEVANT EXPERIENCE

Michigan State University, Computational Mathematics, Science and Engineering

East Lansing, MI

CMSE Undergraduate Learning Assistant

January 2024 - Present

- Educated 60+ students per class in Python through active teaching, facilitated conceptual thinking about computer science
- Educated students in Git and PowerShell through in class examples and activities
- Hosted two weekly office hours to reinforce instruction through one-on-one lessons

Auntie Anne's & Cinnabon

Lansing, MI

Shift Manager

June 2025 - Present

- Supervised and motivated a team of 6 - 10 employees, ensuring efficient daily operations and customer satisfaction
- Facilitated \$2000+ in daily sales of deserts, snack items and beverages
- Oversaw inventory management, including restocking supplies and handling weekly supply orders

Michigan State University, Student Life and Engagement

East Lansing, MI

Bookkeeper

May 2024 - September 2024

- Handled over \$15,000+ in cash daily by counting, sorting and preparing banks for university events
- Organized and processed accounting invoices for 8 separate budgeting teams using Microsoft Excel and office scripts

COURSES

- Fundamentals of Data Science; Data Science methods such as unsupervised learning and supervised learning, feature extraction, dimension reduction, clustering, regression and classification
- Numerical Analysis; Numerical integration, differentiation, and solution of differential equations using algorithms integrated in Wolfram Mathematica
- Dynamics (Universidad Pontificia Comillas, Madrid); Kinematics of particles and rigid bodies using MATLAB and SolidWorks
- Introduction to Artificial Intelligence; Fundamental algorithms for intelligent systems
- Introduction to Programming 1 & 2; Programming methods in Python and C++

SKILLS & ACTIVITIES

Python (Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn)

C++, R, MATLAB, SQL, XML

Git, Shell Scripting, System Administration

Michigan State University Diversity in Gaming, Member

Student organization created to celebrate and encourage diversity in gaming and game development

The Michigan State University Book Club, Member

Student organization created to discuss and analyze various kinds of literature