

EDUCATION

University of Michigan | Ann Arbor, MI

December 2021

Computer Science B.S.E., Cognitive Science B.S., Complex Systems Minor

GPA: 3.54/4.00

- Coursework: Machine Learning, Artificial Intelligence, Software Engineering, Game Development
Computational Modeling of Cognition,, Web Systems, Computer Security, Network Science

PROJECTS

Parsons Problem Research

2020 - 2021

- Extracted and analyzed data from CSV log files to discover patterns in student coding solutions
- Helped create program to cluster write code solutions using ASTs and recommend a programming exercise that matches the approach of a student's work-in-progress coding solution

Multidisciplinary Design Program - DEVIATE

2020 - 2021

- Worked in a team with UofM Transportation Research Institute to maintain documentation, develop strategies for human-labelling, and research automating video data extraction while measuring bias

Machine Learning Digit Recognition with Web App

2020

- Trained neural network to classify digits from MNIST dataset in PyTorch, Tensorflow, and Julia
- Deployed on AWS Lambda and created web app using Docker images and Heroku

Instagram Clone

2019

- Created website in a group using Javascript with server-side and client-side dynamic pages

WORK EXPERIENCE

Data Technology Engineering Intern

2021

American Century Investments

- Worked in an Agile environment to complete real user stories and develop for AWS Cloud in Python
- Created unit tests using Pytest and mock, developed data replication failure detector with AWS Lambda, designed database for support requests in DynamoDB, documented services for end users

Cognitive Science Peer Facilitator

2021

University of Michigan - Weinberg Institute of Cognitive Science

- Advised peers on course registration/curriculum, future plans, and extra-curricular opportunities
- Helped plan and execute department's promotional & community building events and resources

Continuum Machine Learning Coding Q&A Support Staff

2020

University of Michigan - Electrical & Computer Engineering Division

- Reviewed homework and answered student questions for *Computational Machine Learning for Scientists & Engineers* class for new online program targeted towards University of Michigan alumni

LEADERSHIP

Cognitive Science Community

2020 - 2021

Vice President

- Revamped website and graphics, helped support and manage e-board, and led colloquium planning

SKILLS

Programming LanguagesC++, Python, PyTorch, Tensorflow, Julia, ReactJS, MATLAB
HTML, CSS, NetLogo, Go**Software & Tools**

AWS, Docker, Heroku, LaTeX, Unity, Git, Jira, Adobe Illustrator