

Harvey M. Reeves

harveyreeves.com
github.com/hreeves9

hreeves@umich.edu
(248)-979-4506

Present Address
600 E Madison St
Ann Arbor, MI 48109

Permanent Address
16241 Lauderdale Avenue
Beverly Hills, MI 48025

OBJECTIVE

To obtain an internship or research position that allows me delve further into data science, while gaining experience that will assist me through the rest of my career.

EDUCATION

University of Michigan, Ann Arbor, MI Expected Graduation - 2021
Expected Computer Science Major
Relevant Coursework: EECS 280 (Intro Data Structure), EECS 203 (Discrete Math), MATH 216 (Differential Equations), EECS 281 (Data Structures and Algorithms)

Wylie E. Groves High School, Beverly Hills, MI June 2018
GPA: 3.99/4
Relevant Coursework: AP Computer Science A, AP Calculus BC, Calculus 3

WORK EXPERIENCE

Leventhal Lab, Undergraduate Research Assistant Fall 2018

- Worked with Dan Leventhal of the University of Michigan Neurology department to develop an algorithm to classify different actions taken by rats to better understand their changing motor skills as they developed Parkinson's Disease
- Analyzed raw data taken from videos in MATLAB and Python using a convolutional neural network for video classification
- Communicated and presented progress to team through weekly meetings

University of Michigan AI Group, Summer Intern Summer 2017

- Expanded capabilities of SOAR Cognitive Architecture so that it could be implemented into Unreal Engine 4 to create 3D games
- Communicated and presented progress to team through weekly meetings

PROJECTS

Machine Learning Classifier, C++ Fall 2018

- Used pure C++ to create a Bayesian classifier to determine topic of a piazza.com post based on its content
- Learned more about search-tree based data structures and memory management

National Honor Society Web App, Python, Flask, SQL, AWS EC2 Fall 2017

- Created web app for Groves High School's branch of National Honors Society to assist me in my roles as president
- Allowed users to log hours in convenient and quick manner
- Hosted on Amazon Web Servers EC2 Instance

Bathroom Wall Social Media, Python, Flask, SQL Summer 2017

- Created an anonymous social media to learn data organizations and implementing web servers
- Used Flask to maintain web server and push/pull requests that access the site's SQL database.

TECHNICAL SKILLS

- Python, Numpy, Flask, Keras, HTML, CSS, Amazon Web Services EC2, C++, Java, MATLAB, Adobe Creative Suite, Microsoft Office