ERIN NORDQUIST

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9501 50th Place,
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PROFILE

Experience with Machine Learning, Statistics, and Linear Algebra as well as data cleaning, transformation, and visualization.

EDUCATION

BS in Computer Science (Data Science Specialization)
Business Minor
Expected December 2019
University of MD, College Park
GPA: 3.57

SKILLS

Python
Pandas, NumPy, MatplotLib, Pylabs, Sklearn, Jupyter Notebooks

Java
Unit Testing, Eclipse IDE

SQL
Oracle SQL Developer, SQLite

JavaScript
Node.js, Express.js, EJS, REST

Machine Learning
Decision Trees, K-NN, K-Means, Gradient Descent, Neural Networks, Pereptron, Linear Loss Functions

Others
Git, Ruby, C, HTML/CSS

PROJECTS

Machine Learning in Python
March 2019
- Utilized Sklearn's decision tree classifier to create one-vs-one and one-vs-all decision trees
- Implemented Gradient Descent for minimization of loss functions including exponential, squared, and logistic loss
- Applied this code to label different kinds of wine based on the words used to describe each wine with up to 99% accuracy

Python ML Demonstration using Nutritional Data
December 2018
- Outlined the scraping, cleaning, and exploratory analysis of data using BeautifulSoup, Pandas, NumpPy, and Matplotlib
- Demonstrated the creation and use of Decision Trees and Random Forests for classification and regression using Sklearn
- Utilized Jupyter Notebooks to blend code, results, and prose

"Nopieiods" Hackathon Project
November 2018
- Transformed Yelp and NHS data sets using SQL
- Created interactive maps using visualization tools
- Embedded the maps in an HTML web page
- Demonstrated quick learning, time management, and leadership during conflicts among team members
- Earned over $1K in prizes as a team

WORK EXPERIENCE

Peer Mentor
CMNS Office | June 2018 - Present
- Manage front desk operations including receiving and processing paperwork, student questions, and staff requests
- Using knowledge of curriculum across majors to create four year plans for individual students

Delivery Driver
Papa John's | June 2017- August 2017
- Ensured proper delivery of orders for 20 hours a week
- Managed time and store procedure with minimal supervision
- Received extra praise for diligent work ethic on a regular basis

LEADERSHIP

Treasurer
Active Minds | June 2018 - Present
- Providing leadership on financial matters
- Applying for school funding and insurance for events
- Give regular presentations to promote knowledge of and fight stigma around mental illness