Ethan March

(315) 744-0966 | march.et@husky.neu.edu | github.com/ethmarch

Education

Northeastern University, Boston, MA   Sept. 2015 - Present
College of Computer and Information Science
Candidate for a Bachelor of Science in Data Science   Expected 2020
Minor in Mathematics
GPA: 3.64 / 4.00
Relevant Courses: Data Collection and Analysis, Database Design, Probability and Statistics,
                              Information Presentation & Visualization, Object Oriented Design

Computer Knowledge

Languages: Python, SQL, R, Java
Databases: MySQL, MongoDB, MS SQL
Software: Tableau, Alteryx, Git, Excel

Projects

ITS Ticket Classification   November 2017
- Developing and testing several machine learning models in R to classify IT help desk tickets based on their description.

StatsModels to CoreML Converter   September 2017
- Fork of Apple's coremltools package that adds support for converting models created using the StatsModels Python package into Apple's CoreML format.

Word Frequency Bot   June 2016
- Twitter bot @WordFreqBot, built using Python (Tweepy), Redis, and Heroku.
- Determines how frequently a person uses words that are tweeted at it and responds.

Experience

Suffolk Construction, Boston, MA   July 2017 - Present
Business Data Analyst Co-op
- Produced analytics reports and live Tableau dashboards for KPI's, project self-assessments, and departmental functional metrics.
- Assisted in the development of predictive modelling capabilities for job site safety.
- Created and maintained Alteryx processes for data collection and data cleaning.
- Created ad-hoc analyses and visualizations for department heads and executives.

City of Syracuse – Mayor's Office, Syracuse, NY   May 2017 - July 2017
Open Data Intern
- Helped build and launch DataCuse, Syracuse's open data portal
- Automated ETL processes using Python to support open data initiative
- Created introductory tutorials on using Python for data processing and visualization.
- Defined metadata for datasets scheduled for release.