Ethan March

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Available July - December 2018

Education

Northeastern University, Boston, MA   Sept. 2015 - Present
College of Computer and Information Science
Candidate for a Bachelor of Science in Data Science   Expected May 2020
Minor in Mathematics
GPA: 3.6 / 4.0
Relevant Courses: Data Collection and Analysis, Database Design, Statistics and Stochastic Processes,
                   Information Presentation & Visualization, Machine Learning and Data Mining I

Computer Knowledge

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

Experience

Suffolk Construction, Boston, MA   July 2017 - December 2017
Business Data Analyst Co-op
- Designed and published Tableau dashboards for company KPI's and project assessments
- Integrated internal and external data to develop features for modelling of job site safety
- Managed Alteryx processes for data collection and data cleaning
- Created ad-hoc analyses, visualizations, and tools for department heads and executives

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

Projects

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

Word Frequency Bot   June 2016
- Twitter bot @WordFreqBot, built using Python (Tweepy), Redis, and Heroku
- Retrieves words from tweets sent to it and responds with user usage frequency of them

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Activities and Interests

Activities: Pep Band (Trumpet Section Leader), Big Data Club (Director of Research and Projects),
                Northeastern ACM, Intramural Soccer

Interests: Soccer (Liverpool FC), civic data science, theater, college sports, data journalism