Trevor Xander

| Data Scientist | Queens, NY |
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Skills

Languages: Python, C++, Java, SQL, Javascript, Swift

Libraries: Pandas, NumPy, Selenium, Scikit, Pytorch, Matplotlib, NLTK, Polyglot, Boost, jQuery, Boto3

Frameworks: Qt, Bootstrap, OpenGL, Django

Software: Tableau, MS SQL Server, Git, Linux

Machine Learning: Regression, Hidden Markov, Random Forests, KMeans, SVM, NN, CNN, PCA

Paradigms: Object Oriented, Concurrent, Parallel, Event Driven, RESTful, Distributed (Map Reduce)

AWS: EC2, S3, RDS, Lambda, CloudFront

Experience

Queens College Knights Table Food Pantry — 2019 - Present

Technical Support

- Built an inventory management system in Python to automate record-keeping
- Maintained Excel sheets keeping track of the products currently in inventory
- Make visuals and pivot tables to summarize data using Tableau and Excel.

Projects

Movie Review Classifier

- Multinomial Naive Bayes model capable of predicting the sentiment of a movie review using Python
- Able to predict dominant sentimentality on unseen data with over 86% accuracy
- Hyper parameter tuning techniques used to ensure maximum model accuracy

2048 Game

- A native remake of the popular puzzle game 2048. Completely reskinnable; made following MVC patterns using Python and Qt framework
- Native cross-platform and responsive GUI with animations
- Includes features not found in the original such as local multiplayer and a competitive AI mode

tinySearch

- A custom search engine built with a NodeJs and Express back-end with a MySQL database
- Responsive front-end designed following the mobile-first paradigm
- Features multi-user login, administrative capabilities, and a scraper
- Selenium based web scraper built with a highly concurrent model to maximize throughput on the heavily I/O bound process (network access)

Education

B.S. in Computer Science Queens College, Flushing, NY — Aug 2015 - May 2019

Coursework: Data Analytics, Data Mining, Data Warehousing, Linear Programming, Game Theory, Distributed Systems, Computer Graphics, Natural Language Processing, and Internet Technologies