A R I B E N - E L A Z A R

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EDUCATION

Brandeis University, Waltham, MA 05/2016
Bachelors of Science in Computer Science, minors in Mathematics and Economics

RELEVANT COURSES

- Data Stuctures
- Statistical Machine Learning
- Linear Algebra
- Multivariable Calculus
- Operating Systems
- Statistical Natural Language Processing
- Financial Economics
- Philosophy of Law
- Database Systems
- Corporate Financial Engineering
- Advanced Algorithms
- Probability Theory

SKILLS/STRENGTHS

PROGRAMMING LANGUAGES: Java, Python, C, Golang, Node.js, PostreSQL
SOFTWARE: Git, Docker, Eclipse, JIRA, Pivotal, LaTeX

EXPERIENCE

Moody's Analytics, New York, NY 08/2015 - Present
Software Engineer

- Working on ETL workflows which push data from SQL to MongoDB, used on Moody's production website
- Created an API which manages our customer data subscriptions; pushes data to customers on a scheduler
- Created a candidate management application for HR, used on Superdays as an aggregation tool

Yhat Inc., New York, NY 05/2015 - 08/2015
Software Engineering Intern

- Created automation tools for packaging CLI toolkit (Mac and Windows)
- Implemented CAS login integration module
- Created recursive user creation script as server load tester
- Implemented file manipulation interface

Brandeis University Computer Science Department, Waltham, MA 08/2014 - 05/2015
Teaching Assistant — Programming in Java

- Held office hours for 450 students, assisted 30 students weekly
- Reviewed course material and designed remedial practice problems
- Met with students regularly to go over submitted assignments and graded exams

PROJECTS

Lyric Classification Using Word Embeddings 12/2015

- Leveraged pandas dataframe in Python designed experiments for predicting popularity and era of an arbitrary song
- Objective: compare performance of word embeddings, compare vector aggregation techniques
- Final results showed 38% accuracy and 54% accuracy for popularity and era classification; additive or multiplicative embedding aggregation can provide drastic performance improvements

TFI Restaurant Revenue Prediction Competition 05/2015

- Ranked 35th of 2254 teams on the international Kaggle.com leaderboard hosted on Github
- Employed Boruta feature selection, data winsorization, and heavily tuned Random Bagger

ACTIVITIES/INTERESTS

- USCF (Chess)
- Meetups
- Informal Coursera
- Exercise
- Tutoring
- Investing