

AMIR EDRY

20 Bayard St. Brooklyn, NY 11211.

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SKILLS

Data/Stats: Spark MLib, spark.ml, scikit-learn, NumPy, Pandas, IPython, StatsModels, Apache Mahout, Hadoop

Programming: Python, Scala, Julia, C++, C

Web: Django, Flask, JavaScript, AngularJS, Backbone, SASS, HTML5

Cloud computing: AWS, Google Cloud Platform

Database: PostgreSQL, ElasticSearch, MongoDB, Cassandra

EXPERIENCE

Data Scientist, qbeats inc.

NOV 2015 - PRESENT

- Make recommendations based on mathematically and statistically rigorous methods, and inform successful business activities across many functions from sales to marketing to management.
- Analyze data using methods such as structured equation models, an ANOVA (Analysis of Variance), determine measures of dispersion, create regression analysis, or apply advanced machine-learning, and data-mining algorithms.
- Design studies in order to predict, optimize, estimate, and forecast future performance.

Software Engineer, qbeats inc.

DEC 2011 - NOV 2015

KNOWLEDGE ENGINEERING

- Participated in the design and build of in-house knowledge-based system that aims to solve complex problems and organize information in the world of news.
- Utilized semantic web technologies such as RDF, SPARQL, AND OWL to construct ontologies.
- Used Scrapy (scraping framework for Python) to write, deploy, and run web crawlers to harvest entities and relationships from web sources.
- Language processing tasks such as tagging and classification using Python and the Natural Language Toolkit.

FULL STACK DEVELOPMENT

- Contributed to development of exceedingly scalable content management system in a Django.
- Designed, implemented, and tested RESTful services in Python and Flask.
- Developed full-blown web applications using JavaScript MVC frameworks such as backbone.js and AngularJS.

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- Utilized modern responsive frameworks and developed mobile-first web applications using JavaScript.

Math & Science Instructor, Broward College

DEC 2007 - DEC 2008

- Provided feedback by using positive reinforcement techniques to encourage, motivate, and build confidence in students
- Prepared and facilitated tutoring workshops, collaborative projects, and academic support sessions for individual or small groups of college students
- Advised students in order to improve academic performance, improve occupational skills, and prepare for academic and/or occupational tests
- Taught students study skills, note-taking skills, working solutions to problems, and test-taking strategies

EDUCATION

Florida Atlantic University, December 2010

Bachelor of Science Degree in Mathematics

Minor in Statistic

Honors, Awards

The Honor Institute at Broward College

Florida Israel Institute - Merit Award

LANGUAGES

Hebrew - native

English - fluent