AMIR EDRY

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SKILLS

Data/Stats: Spark MLib, scikit-learn, NumPy, Pandas, IPython, Hadoop

Programming: Python, Go, C++

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

Cloud computing: AWS, Google Cloud Platform, Serverless, Linux Containers

Database: PostgreSQL, MongoDB, ElasticSearch, Cassandra

DevOps: Jenkins, SaltStack

EXPERIENCE

Senior Software Engineer, *Vibrant Emotional Health*   **JUL 2017 - PRESENT**

- Work collaboratively as a part of the Scrum team to design and build web applications in Django.
- Design, write, and deploy testable microservices (TDD and CI/CD).
- Improve the whole lifecycle of services–from inception and design, through deployment, operation and refinement.

Software Engineer/Data Scientist, *qbeats inc.*   **SEP 2011 - JUL 2017**

Data Scientist

- Made recommendations based on mathematically and statistically rigorous methods, and informed successful business activities across many functions from sales to marketing to management.
- Analyzed terabytes of web corpus, Common Crawl, using methods such as structured equation models, ANOVA, measures of dispersion, created regression analysis, or applied advanced machine-learning, and data-mining algorithms.
- Designed studies in order to predict, optimize, estimate, and forecast future performance.

Software Engineer

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.
- Used Python and Natural Language Toolkit to tag and classify news articles.

FULL STACK DEVELOPMENT

- Contributed to development of exceedingly scalable content management system in 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.

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