Anson Pontynen

/* Developer */

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Profile

From literature and philosophy to data analysis to web development, I enjoy complexity and I'm excited to analyze, abstract, problem-solve and build in new ways.

Skills/Tools

Ruby/Rails, Python (including Tensorflow, Gensim, SciPy, Numpy, Flask), JavaScript (including Node.js, React, Backbone, jQuery, etc), Docker, AWS, ActiveRecord and PSQL, CoffeeScript, HTML5, CSS

Experience

Decision Resources Group   New York, NY
Software Developer   January 2018 - Present

*Continued in prior role as full-stack Rails developer after Context Matters' acquisition.

*Built, as a solo project, a machine-learning microservice in Python to extract data from pdfs. A Flask server is integrated into a web-scraping lifecycle, where newly scraped documents are processed and sent through a variety of machine learning models. Techniques include neural networks (using Tensorflow), Vector Space Modeling (using Gensim), and a variety of Natural Language Processing techniques as well as cruder ad hoc methods including string matching, frequency counting, Levenshtein distance, etc.

*Currently running in production; this microservice has enabled the development of a new, fully-automated data-library product.

Context Matters   New York, NY
Developer   September 2017 – January 2018

*Full stack web developer, working with a Rails application. Front-end is built using Backbone, Google Charts, and CoffeeScript. Deployed via AWS using Docker and using Circle CI for continuous integration and testing.

*Helped build and maintain a repository of web scrapers (written in Ruby) deployed through Jenkins that collected business-critical data for the above Rails application from ~25 external sites.

Data Analyst   October 2015-October 2017

*One of a three-person team that formed a new analytics and consulting department responsible for the majority of the company's revenue in 2016.

*Beyond data analysis, duties included process development and implantation, project management, client engagement, and presentations. Worked with clients to scope the most useful questions for their needs, then accessed, cleaned, analyzed, and communicated data. Topics included many disease conditions across many countries, looking at many and multiple criteria of market access.

Assistant Data Analyst   September 2013-September 2014

*Primary author and speaker on analysis selected for publication and presentation at HTAI 2014.

Education

General Assembly   New York, NY
Student: Web Development Immersive   May 2017-August 2017
King's College, London   London, UK
MA Philosophy   *2014 - 2015*
University of Chicago   Chicago, IL
BA Interdisciplinary Studies in the Humanities; Dean's List   *2010- 2013*
New York University   New York, NY
                                        2009-2010

Activities

New York Cares   New York, NY
Community outreach and service projects.   February 2016-Present