

Data scientist, consultant and full stack software developer seeks opportunities to think big and solve problems. A little light dispels a lot of darkness.

<https://github.com/philopaszoon/ds>

Data Scientist

Contract Wrangler

7/18 - 10/18

Used Spacy, nltk, regular expressions, CRF, word2vec, Python, scikit-learn, MySQL, git and other tools to extract named entities from legal contracts.

Student

Springboard Data Science Bootcamp

10/17 - 5/18

Took advantage of a bootcamp to deepen my knowledge of NLP and data science more generally.
Python / Octave / Matlab / NLP / scikit-learn / NLTK / Spacy / word2vec / Classification / Clustering / Numpy / Pandas / Matplotlib / Gensim / PCA / TSNE / Random Forest / Naive Bayes
https://github.com/philopaszoon/ds/blob/master/quora_question_pairs/readme.md
<https://github.com/philopaszoon/ds>

iOS mobile app developer

Chart Tool

6/10 - 8/17

Wrote all code for mobile app and server for iOS charting application with ~ 70k users. Provided ongoing support to users.
iOS / Objective-C / OpenGL / Perl / PHP / Javascript / MySql / Linux / REST API development

Strategy Consultant

Dr. Dan Cosgrove

2/12 - 5/13

Worked with a local health clinic to design a wellness and preventive medicine service based around a coordinated flow of information between patients and the clinic.

Innovation Consultant

GSMA

2/09 - 4/10

Developed the strategy for nurturing innovation within the wireless industry, sponsored and maintained by GSMA.

Developer: Medical research automation

Dr. Olga Lopatina

1/08 - 1/09

Worked with a team of doctors at Yale University to automate the processing of neuro-intervention study data and to analyze thousands of patient records (mostly transcribed notes) pertaining to spinal interventions and related preliminary investigations and outcomes.
- Perl / Link-Parser / NLP / Linux / Javascript
Developed natural language search algorithms to parse the data and automate most of the work
Designed a system that allowed for the automated software and multiple doctors to work side by side on records, organizing them by estimated difficulty and likely categorization. This project resulted in published research.

Designer

Coyote Organics

4/02 - 11/07

Conducted research, testing and design of a line of clothing optimized for desert climates.

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Fund of Hedge Funds Research Manager

Wolf International Advisors

1/01 - 3/02

Performed due diligence and monitoring of hedge funds across 5 FOF portfolios. Interviewed hedge fund managers. Worked as part of a team designing and creating a proprietary hedge fund database. Provided commentary on activities and performance of portfolio constituent funds.

Education:

- BA Philosophy/Math, St. John's College