

- Contract Wrangler 2018 - 2018
 - Extraction of named entities. 3 month contract. Used Spacy, nltk, regular expressions, CRF, word2vec, Python, scikit-learn, MySQL, git.
- Springboard Data Science Bootcamp 2017 - 2018
 - Focus on NLP and time series analyses.
 - 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 2010 - 2017
 - 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 2012 - 2013

Helped a clinic design a wellness and preventive medicine service based around a coordinated flow of information between patients and the clinic.
- Innovation Consultant / GSMA 2009 - 2010

Developed the strategy and design of a project aimed at nurturing innovation within the wireless industry, sponsored and maintained by GSMA.
- Developer: Medical research automation / Dr. Olga Lopatina 2008 - 2009

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.
- Clothing Startup / Coyote Organics 2002 - 2008

Conducted research, testing and design of a line of clothing optimized for desert climates.
- Fund of Hedge Funds Research Manager / Wolf International Advisors 2001 - 2002

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