

Gregory J. Crowder

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TECHNICAL PROFICIENCIES

Programming Languages: Python, Javascript

Data Visualization: Matplotlib, D3 and NVD3

Data Analysis: Excel, SciPy, NumPy, Pandas

Machine Learning: Scikit Learn

Web Development: Django, Django Rest Framework

Relational Databases: SQLite, PostgreSQL

Version control : git

Notebook Software: Jupyter Notebook (formerly IPython)

Operating Systems: Unix-like and Windows

Deployment: Heroku

RELEVANT EXPERIENCE

June 2016

Bringing Buzzwords Home

Software Project

- www.bringingbuzzwordshome.com
- Worked in a three person team to develop data visualization website.
- Extracted, transformed, and loaded (ETL) data from disparate sources into relational database.
- Fed visualizations via dynamically created JSON
- Created NVD3 visualizations from data.

June 2016

Other Python Projects

- Computer Programming Language Predictor Example: Machine Learning with Scikit Learn
 - <https://github.com/gcrowder/programming-language-classifier>
- Analysis of the American Time Use Survey Example: Data Analysis with Pandas
 - <https://github.com/gcrowder/atus-analysis>
- Monte Carlo Simulation of the Monty Hall Problem Example: Simulation and Unit Tests
 - <https://github.com/gcrowder/monty-hall>

March - June 2016

Data Science with Python

The Iron Yard Academy

Durham, NC

- Intensive 12 week data science course covering data ETL, data analysis, machine learning and backend web development.

PROFESSIONAL EXPERIENCE

2015-Jan 2016

Contract Attorney

UnitedLex Professional Services

Durham, NC

- Document review at a national legal services firm.
- Case topics included patents, antitrust, transactions, and legal malpractice.

2011

Law Clerk

Law Office of Rickard L. Borg

Carlsbad, CA

- Summer internship at a small practice covering many fields including family law, contracts and IP licensing.

EDUCATION

2016 Python Engineering Certificate

The Iron Yard Academy

Durham, NC

2015 Law License

48839

Raleigh, NC

2013 Juris Doctor

Quinnipiac University School of Law

Hamden, CT

- Focus in Business, Commercial and Insurance Law

2008 Bachelor of Arts, History

La Sierra University

Riverside, CA

- Focus in Intellectual History, Philosophy Minor and also pursued extradisciplinary courses:
 - Computer Science, Microeconomics, Statistics, Logic, Sociology Research Methods (quantitative and qualitative), Biology, Chemistry