

Gregory J. Crowder

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TECHNICAL PROFICIENCIES

Programming Languages: Python, Javascript

Data Analysis: Excel, SciPy, NumPy, Pandas

Web Development: Django, Django Rest Framework

Version control : git

Operating Systems: Unix-like and Windows

Portfolio: <https://gcrowder.github.io/>

Data Visualization: Matplotlib, D3 and NVD3

Machine Learning: Scikit Learn

Relational Databases: SQLite, PostgreSQL

Notebook Software: Jupyter Notebook (formerly IPython)

Deployment: Heroku

RELEVANT EXPERIENCE

June 2016

[Bringing Buzzwords Home](#)

Software Project

- 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