

Gregory J. Crowder

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TECHNICAL PROFICIENCIES

Programming Languages: Python, Javascript

Data Analysis: Excel, SciPy, NumPy, Pandas

BackEnd Web Dev: Django, Django Rest Framework

Version control : git, GitHub, Bitbucket

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

Data Visualization: Matplotlib, D3 and NVD3

Relational Databases: SQLite, PostgreSQL, MySQL

FrontEnd Web Dev: EmberJS, jQuery, Bootstrap

Operating Systems: Unix-like and Windows

Project Management: Jira

RELEVANT EXPERIENCE

August 2016 - Present Developer AT&T via Apex Systems Durham, NC

- Worked in ~20 person department, utilizing Atlassian tools in an Agile development process.
- Used HTML, CSS, and Javascript (both client-side and server-side) to develop front-end interface and content for internal (>1000 users) AT&T web app.

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

August 2016-Present Developer AT&T via Apex Systems Durham, NC

- Adapted business logic to workflow based web app utilizing Javascript, Bootstrap templates, and proprietary Java-based back end.

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

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)