Gregory J. Crowder

https://github.com/gcrowder   (949) 525-7629
https://www.linkedin.com/in/gregory-crowder-96b72612   gregory.j.crowder@gmail.com

TECHNICAL PROFICIENCIES

Programming Languages: Python, Javascript   Data Visualization: Matplotlib, D3 and NVD3
Data Analysis: Excel, SciPy, NumPy, Pandas   Relational Databases: SQlite, PostgreSQL, MySQL
BackEnd Web Dev: Django   FrontEnd Web Dev: EmberJS, jQuery, BootStrap
Version control : git, GitHub, Bitbucket   Operating Systems: Unix-like and Windows
Portfolio: https://gcrowder.github.io/   Project Management: Jira

RELEVANT EXPERIENCE

August 2016 - Present   *Developer*   *AT&T via Apex Systems*   *Durham, NC*
- Utilize Atlassian tools in an Agile development process.
- Use 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 small 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.

2015-2016   *Contract Attorney*   *UnitedLex Professional Services*   *Durham, NC*

EDUCATION

2016   *Python Engineering Certificate*   *The Iron Yard Academy*   *Durham, NC*

2013   *Juris Doctor*   *Quinnipiac University School of Law*   *Hamden, CT*

2008   *Bachelor of Arts, History*   *La Sierra University*   *Riverside, CA*
- Pursued extra-disciplinary courses: Computer Science, Microeconomics, Statistics, and Logic