

Kathryn Jackson

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TECHNICAL SKILLS

Languages – Python, JavaScript

Web development – Django, Django REST API framework, jQuery, AJAX, HTML, Bootstrap, CSS

Data management/analysis – SQL/PostgreSQL, Pandas, Matplotlib, Machine learning, Scikit-Learn

Other – Functional and object-oriented programming, Version control (Git, GitHub), Test-driven development, Jupyter Notebooks, Adobe desktop publishing software, Microsoft Office suite

RELEVANT EXPERIENCE

Python Developer

March 2016 – present

The Iron Yard, Durham, NC

Smart Driver

- Developed a dynamic Django web application with a Python backend that manages data for Uber drivers
- Followed Agile methodology to create Smart Driver with a team of three Python students
- Used web scraping Python scripts to extract driver data from Uber
- Organized data and statistics into a relational PostgreSQL database
- Designed and developed RESTful API for accessing driver data
- Built dynamic tables and charts using JavaScript, jQuery and NVD3
- Contributed to front-end design using HTML, Bootstrap, and CSS

Other projects

- Developed Django web app for creating, training, and using natural language classifiers with Scikit-Learn
- Cleaned, analyzed large data sets using Pandas in Jupyter Notebooks; visualized data with Matplotlib charts
- Created probability simulations in Python to prove mathematical solutions to problems
- Developed Python command line programs utilizing argparse

WORK HISTORY

Copywriter

May 2008 – August 2012 (employed), March 2013 – March 2016 (independent contract)

Gander Direct Marketing Services, LLS, Greenville, NC

- Wrote, edited, and proofread web and catalog copy for Gander Mountain, Consumers Marine (now defunct), and Overton's products
- Managed web content by organizing products and categories using the content management system WSDM
- Executed fast and reliable data entry

Shift Supervisor, Barista

May 2006 – May 2011, August 2012 – present

Starbucks, Greenville, NC and Durham, NC

- Supervised and deployed up to 8 employees at a time
- Provided excellent customer service by anticipating needs and resolving issues in a high-volume store
- Worked collaboratively and coached coworkers on standards and routines as a Certified Barista Trainer
- Prepared beverages with care to corporate standards, putting forth a consistent and high-quality product

EDUCATION

The Iron Yard, Durham NC

Python Engineering Certificate, Summer 2016

East Carolina University, Greenville, NC

Bachelor of Arts in English, Minor: Women's Studies, May 2010

GPA 3.3/4.0

Major GPA 3.9/4.0