

Kathryn Jackson

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TECHNICAL SKILLS

Languages – PHP, Python, JavaScript/CoffeeScript, HTML/Jade, CSS/Less.js, bash

Web development – Laravel, AngularJS, Meteor (JS), Django, jQuery, AJAX, Bootstrap

Databases – NoSQL, SQL, MongoDB, PostgreSQL

Data analysis – BigML, Python packages for machine learning and plotting - Pandas, Matplotlib, Scikit-Learn

Other – Linux, Unix, Docker, Git, JIRA/Kanban bug-tracking, Functional and object-oriented programming, Agile

RELEVANT EXPERIENCE

Backend Developer

March 2017 – present

Spark451, office in Raleigh, NC (based in Westbury, NY)

- Maintaining Element451, a web-based CRM for college and university admissions programs, which helps to track and engage millions of users as they move from prospects, to applicants, to admitted students
- Developing in Laravel framework with PHP 7 and MongoDB, continuously finding and fixing bugs
- Building an event data collection platform using Snowplow analytics pipeline
- Modeling and extracting event data for predictive analysis and new or improved data-driven features
- Working on a distributed team, collaborating with developers in other countries

Front End Developer

August 2016 – January 2017

Practicchem, Morrisville, NC

- Developed software for Arista Slice protein chromatography instrument and Meteor microservices web apps
- Improved Arista instrument usability by fixing bugs and building new features in Arista UI, a web app with AngularJS 1 front end and PostgreSQL database
- Further developed lab management features, instrument license activation, and manufacturing tools in three interfacing apps built entirely in CoffeeScript using Meteor with MongoDB database
- Wrote CoffeeScript, Jade, and Less code daily

Python Developer

March 2016 – June 2016

The Iron Yard, Durham, NC

- Developed Smart Driver, a dynamic Django web application to manage data for Uber drivers
- Developed relational PostgreSQL schema and a RESTful API for storing and accessing data
- Front end development using JavaScript, jQuery, DataTables.js, NVD3.js charts, HTML Bootstrap, and CSS
- Other projects include web scraping with Python scripts, machine learning project utilizing Scikit-Learn, Pandas and Matplotlib, command line programs and simulations

WORK HISTORY

Copywriter

May 2008 – August 2012 (employed), March 2013 – November 2015 (independent contract)

Gander Direct Marketing Services, LLS, Greenville, NC

- Wrote, edited, and proofread web and catalog copy, and executed fast and reliable data entry

Shift Supervisor, Barista

May 2006 – May 2011, August 2012 – March 2016

Starbucks, Greenville, NC and Durham, NC

- Supervised employees in a high-volume store, and coached coworkers on corporate standards and routines

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