Kathryn Jackson

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TECHNICAL SKILLS

Languages – PHP, Python, JavaScript/CoffeeScript, HTML, Jade, CSS, Less.js
Web development – Laravel, Meteor (JS), Postman, AngularJS, Django, jQuery, AJAX, Bootstrap
Databases – NoSQL (MongoDB), SQL (PostgreSQL, Redshift)
Data analysis – BigML, Upsovler, machine learning and plotting in Python - Pandas, Matplotlib, Scikit-Learn
Other – Unix, Linux, Docker, Git, JIRA, Functional and object-oriented programming, Agile

RELEVANT EXPERIENCE

Backend Developer
Element451 January 2018 - present
Spark451 March 2017 - January 2018
• Maintaining Element451, a web-based CRM for higher-education admissions programs
• Developing an API in Laravel framework with PHP 7, continuously finding and fixing bugs
• Collecting, modeling, and aggregating user event data as millions of users engage with our platform, building pipelines through MongoDB, Snowplow, BigML, and Upsolver as a foundation for new data-driven features
• Revising Agile processes for feature design, development, and QA to improve company culture
• Working on a distributed team, collaborating with developers in other countries

Front End Developer
August 2016 – January 2017
P*ractichem*, 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 user 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 Matplotlb, 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   GPA 3.3/4.0
Bachelor of Arts in English, Minor: Women's Studies, May 2010   Major GPA 3.9/4.0