

QUALIFICATIONS SUMMARY

Full-stack web developer and experienced data analyst. Focus on innovative thinking while displaying leadership with compassion, and combining creativity with common sense. Experienced in:

- JavaScript
- Ruby on Rails
- NoSQL
- AngularJS
- APIs
- WordPress
- SQL
- Node.js

PROFESSIONAL EXPERIENCE***Web Development Immersive Student and Freelance Developer*****October 2015 - January 2016****General Assembly****Washington, DC**

- Prototyped and developed a website for Pansori.us to connect proteges and mentors using Rails and PostgreSQL
- Built Hacker Helper as a central hub for helpful programming resources by topic using Node.js, Express, and MongoDB
- Created a Ruby on Rails application that uses the Petfinder API to create profiles for shelter animals
- Developed a personal portfolio website using AngularJS

Economic Analyst**June 2013 - August 2015****L.E. Peabody and Associates****Alexandria, VA**

- Analyzed over 500,000 lines of a revenue database in Microsoft Excel to ensure compliance with budgeting procedures and identified \$10,000,000 of unclaimed revenue
- Led business intelligence project to estimate the cost of coal using a variety of environmental and market factors for an energy corporation that uses 39 million tons of coal annually
- Recommended business strategies for clients considering entrance into the natural gas market that led to a \$350 million partnership
- Mined data from government databases and proprietary railroad contracts to forecast \$10 billion in actual revenues
- Budgeted the cost of acquiring new railroad locomotives to comply with upcoming regulation and ensure the highest cost savings
- Wrote instructions that explain how to use VLOOKUP, HLOOKUP, and Pivot Tables functions in Microsoft Excel to update data management systems and ensure in-house efficiency and data standardization

Intern**May 2012 - May 2013****L.E. Peabody and Associates****Tucson, AZ**

- Prepared expert rebuttal testimony in rail rate case that analyzed the relevance of various land inflation indices leading to tens of millions of dollars of cost savings for client system
- Data mined public energy contracts for coal and natural gas prices

EDUCATION AND TRAINING***Bachelor of Science in Business Administration*****May 2013****The University of Arizona****Tucson, AZ**

- Phi Eta Sigma Honorary Fraternity
- National Society of Collegiate Scholars
- Designed and presented an award winning iPhone application that analyzes performance of local schools

Data Scientist's Toolbox**April 2015****Coursera****Online**

- John Hopkins course that focused on efficiently solving common data science problems and using Git for version control

An Introduction to Interactive Programming in Python (Part 1)**October 2015****Coursera****Online**

- Rice University course that covered on the basics of programming in Python

VOLUNTEER EXPERIENCE***Graduation Night and Classroom Volunteer*****September 2009 - May 2014****Amphitheater School District****Tucson, AZ**

- Organized and secured vendor contracts and donations for a \$50,000 event
- Developed an Excel based invoice reporting system to ensure payment deadlines were met
- Helped teachers adopt new grade book technology
- Tutored students in elementary math concepts

PROFESSIONAL ASSOCIATIONS AND SKILLS

Women Who Code | Data Wranglers | MongoDB | PostgreSQL | Agile | jQuery | Express.js | Git | Responsive Design | Active Record