

ALEXANDRA SCREVEN

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EDUCATION:

General Assembly

Washington, DC

January 2016

Web Development Immersive

- Created a Ruby on Rails application that uses the Petfinder API to create profiles for available shelter animals
- Developed a Ruby on Rails website for a DC startup that connects high potential Asian women to mentors
- Built a JavaScript application that organizes helpful programming resources by topic

The University of Arizona

Tucson, AZ

May 2013

Eller College of Management

Bachelor of Science in Business Administration

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

EXPERIENCE:

L.E. Peabody and Associates

Alexandria, VA

06/13 – 08/15

Economic Analyst/Business Consultant

- Lead 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
- Forecast railroad expenses by designing and building a data warehouse using data from various government departments and confidential railroad contracts
- Budgeted the cost of acquiring new railroad locomotives to comply with upcoming regulation and ensure the highest cost savings
- Compared formulas in over 500,000 lines of data to budgeting procedures and identified \$10,000,000 of unclaimed revenue
- Identify railroad inefficiencies by modeling hypothetical rail systems in enterprise architect team
- Write 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

L.E. Peabody and Associates

Tucson, AZ

05/12 – 05/13

Intern

- Wrote 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

PROFESSIONAL ACTIVITIES:

Women Who Code

Washington, DC

12/15 – Present

- Professional community of women interested in technology

Data Wranglers DC

Washington, DC

03/15 – Present

- Discuss innovative data managing systems with local professionals

Coursera Data Scientist's Toolbox

April 2015

- John Hopkins course that focused on efficiently solving common data science problems

Coursera An Introduction to Interactive Programming in Python (Part 1)

October 2015

- Rice course that focused on the basics of programming in Python

Amphitheater School District

Tucson, AZ

08/12 – 05/14

Graduation Night Volunteer, Ironwood Ridge High School

- Organized and secured vendor contracts and donations
- Developed an invoice reporting system to ensure payment deadlines were met

Amphitheater School District

Tucson, AZ

09/09 – 05/12

Classroom Volunteer, Copper Creek Elementary School

- Helped teachers adopt new grade book technology
- Tutored students by addressing individual areas of concern