

# Alexandra Screven

## Web Developer

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## WEB DEVELOPMENT EXPERIENCE

### GENERAL ASSEMBLY

Oct 2015 – Jan 2016

Full-stack web development program focused on best practices in object-oriented programming, MVC frameworks, data modeling, and test-driven driven development. Created a portfolio made up of both individual and team projects.

Projects include:

- PANSORI.US: A rails website for a DC startup that connects high potential Asian women to mentors. Using Symply, we were able to easily integrate the UX designs.
- HACKER HELPER: Is a JavaScript application that organizes helpful programming resources by topic. The site is open to the general public; however, only authenticated users are able to add resources and topics to the site's database.
- ALL ABOUT CHEW: A Rails application that uses the Petfinder API to create profiles for available shelter animals.

### ELLER CASE COMPETITION

March 2012 - May 2012

- Designed and presented an award winning iPhone application that analyzes performance of local schools.

## RELATED SKILLS

JavaScript	Ruby on Rails	WordPress	Responsive Design
Git	PHP	SQL	Active Record
HTML	Python	R	AngularJS

## PROFESSIONAL EXPERIENCE

### L.E. PEABODY AND ASSOCIATES

#### Economic Analyst

June 2013 – August 2015.

- Recommended business strategies for clients considering entrance into the natural gas market that led to a \$350 million partnership.
- Budgeted the cost of acquiring new railroad locomotives to comply with upcoming regulation and ensure the highest cost savings.
- Created instructions explaining how to use VLOOKUP and HLOOKUP functions and Pivot Tables in Microsoft Excel to ensure data standardization and efficient data systems updates.

### L.E. PEABODY AND ASSOCIATES

#### Internship

May 2012 – May 2013

- 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.

## EDUCATION

### UNIVERSITY OF ARIZONA

#### Bachelor of Science in Business Management

2009 to 2013

### JOHN HOPKINS -COURSERA

#### The Data Scientists Toolbox

April 2015

### RICE UNIVERSITY -COURSERA

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

October 2015

## ACTIVITIES

### WOMEN WHO CODE

December 2015 - Present

- Professional community of women interested in technology.

### DATA WRANGLERS DC

March 2015 - Present

- Discuss innovative data managing systems with local professionals.

### IRONWOOD RIDGE HIGH SCHOOL

#### Graduation Night Volunteer

August 2012 - May 2014

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

### COPPER CREEK ELEMENTARY SCHOOL

#### Classroom Volunteer

September 2009 - May 2012

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