KATARINA ROSSI

SOFTWARE DEVELOPER

CONTACT

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SKILLS

Ruby	Rails	Python
Django	SQL	JavaScript
Redux	React	Node.js
HTML5	CSS	jQuery
PHP	Git	

EDUCATION

Full Stack Web Development – App Academy (Fall 2016)

Immersive 1,000 hour software development course focusing on full stack development, best practices, and algorithms. Acceptance rate is <3%.

Relevant Online Courses

- Introduction to Computer Science (Harvard edX)
- Introduction to Computer Science and Programming with Python (MIT edX)

BBA in Marketing BA in Psychology Southern Methodist University (2012)

GPA 3.89, Summa Cum Laude, Phi Beta Kappa, Beta Gamma Sigma, Alpha Iota Delta, Statistics Teaching Assistant

Minor in Economics of Decision Making (Course Highlights: Economics, Statistics, Game Theory)

PROJECTS

Artistera Full Stack Developer [*Rails, React, Redux*]
Single-page art course platform inspired by Skillshare

- Uploaded a variable number of attachments for each project submission utilizing Paperclip and AWS S3.
- Generated resized cover images with ImageMagick to decrease load time.
- Implemented a dynamic search using AJAX that queries the database as the user types.
- Designed secure authentication with BCrypt and prevented unauthorized editing with front-end user validations.

Inheritage Full Stack Developer [*Django, React, Redux*]
Single-page application displaying genetics statistics

- Collaborated with a group of four members to visualize statistics about users' ethnicities over a customized, interactive map incorporating the Google Maps API.
- Developed a RESTful API to create and display user profiles.
- Optimized database queries using Django's ORM.
- Integrated the Recharts library to display dynamic graphs.

Sushi Attack! Front End Engineer [*JavaScript, HTML5, CSS*]
Addicting Broswer Game with Flying Sushi

- Integrated Easel.js with an object-oriented design pattern for an easy to manipulate but detailed game environment
- Devised bounding box calculations for collision detection based on the scale of the main character

EXPERIENCE

Web Designer / Operations Staff
Cinema Suites Bed & Breakfast (2015 - 2016)

- Built a WordPress plugin in PHP to parse XML into the Events Calendar API to automatically generate calendar events from an RSS feed.
- Overhauled the Cinema Suites Bed & Breakfast website using HTML5, CSS, and WordPress, increasing user-friendliness and mobile readability with a responsive design.

Web Designer / Operations Staff
Krishna International (2014 - 2015)

- Designed three websites using CSS and Shopify themes for the company's two wholesale brands and retail store.
- Generated daily sales totals, tracked expenses in Quickbooks, and handled invoicing and shipping, scheduling, and attendance tracking.

Manager of Operations
School of Style (2013 - 2014)

- Planned and coordinated the 2013 Pop Up class series, bringing S.O.S. classes to six new cities and ~200 students.
- Troubleshooted issues with the website and took a minor role in development when needed. For example, creating pages, editing errors, and making small PHP tweaks.
- Designed website graphics and print materials.