Katarina Rossi

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SKILLS

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

PROJECTS

<u>Artistera</u> – Full Stack Developer (Live, GitHub)

Single-page art course platform inspired by Skillshare (Rails, React, Redux)

- 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.

<u>Inheritage</u> – Full Stack Developer (Live, GitHub)

Single-page application displaying genetics statistics (Django, React, Redux)

- 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 and optimized database queries using Django's ORM.
- Integrated the Recharts library to display dynamic graphs.

<u>Sushi Attack!</u> – Front End Engineer (Live, GitHub)

Addicting Browser Game with Flying Sushi (JavaScript, HTML5, CSS)

- 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 Developer – Cinema Suites (2015 - 2016)

- Created 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 website using HTML5, CSS, and WordPress, increasing user-friendliness and mobile readability with a responsive design.

Web Developer / Staff – Krishna International (2014 – 2015)

- Designed three websites using CSS and customized themes for the company's two wholesale brands and retail store.
- Created website graphics and print materials using Photoshop and Illustrator.
- Generated daily sales totals, tracked expenses in QuickBooks, and handled invoicing and shipping, scheduling, and attendance tracking.

EDUCATION

Full Stack Web Development – App Academy (Fall 2016)
- Immersive 1,000 hour software development course. Acceptance rate is <3%.

Relevant Online Courses - Introduction to Computer Science (Harvard edX certificate), Introduction to Computer Science and Programming with Python (MIT edX certificate)

BBA in Marketing, BA in Psychology - Southern Methodist University (2012)
- GPA 3.89, Summa Cum Laude, President's Scholar (Full Scholarship), Phi Beta Kappa, Beta Gamma Sigma, Alpha Iota Delta, Statistics Teaching Assistant
- Course Highlights: Minor in Economics of Decision Making (Statistics, Game Theory)

PORTFOLIO www.katarinarossi.com GITHUB dischorde
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