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Portfolio

CONNOR STAUFFER
Software Engineer

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Portfolio

GeoFlickr   **Live**   **Source**

- Derivative of the professional photo sharing site Flickr focused on geo-tagged images.
- Utilizes the Google Maps JavaScript API in multiple contexts.
- Uploads multiple images at a time, storing files in AWS and relevant data in a PostgreSQL database.

Asteroids   **Live**   **Source**

- JavaScript implementation of the popular browser game Asteroids.
- Implements acceleration, deceleration, and collisions with JavaScript.
- Renders graphics in an HTML Canvas 2D context. Custom shapes are rendered with respect to their orientation and dynamic position in the canvas.

RailsLite   **Source**

- Comprehensive Ruby-based MVC web framework with ORM system.
- Validates auth tokens, generates flash messages, and supports session persistence.
- Router URL params, query string params, and request body params are combined with recursive my_deep_merge method.

Chess   **Source**

- Ruby implementation of Chess playable in the command line.
- Maximizes code DRYness with modules and multiple levels of class inheritance.
- Offers AI game mode and generates move feedback based on cursor position.

Work Experience

Business Analyst   **Consensus Corporation**   **Winter 2014 – Summer 2014**

- Automated SQL queries with Python to deliver client reports promptly and accurately.
- Generated Tableau reports on company performance to drive strategic decisions.
- Implemented a cloud-based sales pipeline to manage client prospects.
- Contributed to the development of a quantitative model that predicted revenue through industry figures, past performance, and incoming business.

Project Manager   **Consensus Corporation**   **Summer 2013 – Winter 2014**

- Coordinated teams of developers on projects with the Agile methodology.
- Constructed requirements and user stories for core product enhancements.
- Worked with a major retailer to launch a new product offering through our POS.
- Contributed to an overhaul of documentation processes by customizing and training employees on Confluence software.

Education

B.S. Mathematical Economics   **University of Richmond**   **Winter 2011 – Summer 2015**

- Graduated Cum Laude. GPA: 3.4
- Courses: Intro to Computer Science, Probability, Statistics, Multivariate Calculus, Linear Algebra, Mathematical Economics, Abstract Mathematics

Web Development   **App Academy**   **Summer 2015 – Fall 2015**

- Immersive, full stack web development training program
- Acceptance rate less than 5%

Technologies and Skills

Ruby, Rails, JavaScript, jQuery, Backbone.js, R, SQL, Java, HTML, CSS, Git, Latex, Tableau