Erin E. Marshall

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SKILLS:

JavaScript
Ruby
Ruby on Rails
React.js
Redux
SQL
AWS
Heroku
Git
jQuery
HTML5
CSS3

EDUCATION:

App Academy (Fall 2018)
Rigorous 2000 hour software development program with <3% acceptance rate; Topics include: algorithms, OOP, coding style, REST, security, single- page apps, and web development best practices

Tufts University (May 2011)
B.A. - Economics

PROJECTS:

OvalTable   Live Site | Github
A single-page, restaurant-booking web application built with Ruby on Rails and React. It is inspired by the popular OpenTable website
- Implements CRUD and uses RESTful API to allow users to make and delete reservations as well as post reviews to each restaurant page.
- Stores user-uploaded photos using AWS S3 cloud storage
- Eager-loads restaurant associations to avoid N + 1 queries

Thousand   Live Site | Github
A mini search engine built with Ruby on Rails
- Crawls and indexes a tiny portion of the web using the Mechanize and Nokogiri gems
- Implements the PageRank algorithm by creating an adjacency matrix mapping inbound and outbound links and by using custom matrix operations methods to compute PageRank values.

Conway's Game of Life   Live Site | Github
An implementation of the famous cellular automaton 'Game of Life' built with JavaScript and rendered using HTML Canvas.
- Uses mouse events to turn a single HTML Canvas element into a clickable, interactive grid
- Calculates and renders the single-player game's progressing 'generations' using JavaScript and object-oriented programming

EXPERIENCE:

APP ACADEMY (New York, NY) | Jan 2019 - present
Software Engineering Teacher/TA
- Teach coding and Ruby fundamentals in part-time course

VOLUNTEER WORK:

Code Nation (formerly ScriptEd) (New York, NY) | Oct 2018 - present
Instructor
- Instruct high school students in web development fundamentals including JavaScript, HTML, and CSS

OTHER WORK EXPERIENCE:

DIGA STUDIOS (New York, NY) | 2015 - 2018
Production Accountant
- Managed cost reporting and tracking for multiple, concurrent TV productions
- Created and revamped existing production accounting policies to increase accuracy and efficiency

JAX MEDIA (New York, NY) | 2013 - 2015
Accounting Asst/Staff Accountant
- Coordinated the inception of company-wide financial policies at a recently established TV/Film production company
- Worked across multiple film production accounting departments to support teams and act as point-person for management-related matters

COLLEGEHUMOR.COM (IAC) (New York, NY) | 2011 - 2013
Assistant Production Accountant
- Tracked costs, managed production payroll, and performed financial month-end procedures for comedy website