David Ko

Software Engineer

Boston, MA

Contact Info

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Portfolio:	davidholyko.github.io

Languages

JavaScript
HTML
CSS
Ruby
Python
Java

Libraries/Frameworks

React.js
Ruby on Rails
Express.js
jQuery
Bootstrap
Node.js

Tools/Technologies

Github
Heroku
Amazon Web Services
Vim
Atom
VSCode

Interests

Cooking
NFL
Smite
Warhammer 2
Catan

This resume is made with React.js
Deployed on Github Pages:

davidholyko.github.io/resume

Software Engineering Experience

F1V | *Waltham, MA*   May 2019 - Present
JavaScript Engineer

`JavaScript` `TypeScript` `React` `Redux` `NestJS` `PHP` `Docker`

- Coordinated with multiple developers to rebuild a finance application with modern technologies
- Maintains and debugs legacy finance application
- Built reusable, functional components with unit testing
- Assisted in content management for multiple WordPress, Drupal, and Bolt websites

Web Development Projects

CommunityConnect: A Code For Boston Open Source Project

`JavaScript` `HTML` `CSS` `React` `Redux` `GoogleSheets`

- Implemented a system to organize CSS for quicker development
- Improved site performance by fixing urgent bugs
- Guided onboarding developers through environment setup

StackOverKo: A question-response website for developers

`JavaScript` `HTML` `CSS` `Ruby` `React.js` `Rails` `PostgreSQL`

- Launched a open forum website that helps developers find specific answers
- Built Front End with React.js to emphasize modularity and boost performance
- Spearheaded anvAPI that utilizes numerous relationships and serializes nested associations

Brain Age: A game application inspired by Brain Age for the Nintendo DS

`JavaScript` `HTML` `CSS` `Ruby` `Rails` `PostgreSQL` `Mobile-Design`

- Envisioned a responsive user-friendly puzzle game that helps people think faster
- Implemented a Procedural Generation Algorithm that produces multiple choice logic
- Efficiently utilized existing Node packages such as Math.js and Chart.js to optimize time management
- Consolidated code into reducable and modular bits for future improvement with Handlebars.js

Education

General Assembly | *Boston, MA*   Jan 2019 - Apr 2019
- Full time 500+ Web Development Immersive Program
- Developed four Full Stack web applications using JavaScript, HTML, CSS, and Ruby
- Collaborated with a team using Agile methodology and Scrum principles

UMass Amherst | *Amherst, MA*   Sept 2013 - Sept 2015
Coursework:
- Computer Science: Intro to Java, Data Structures, Game Design, Data Science
- Information Technology: Computer Literacy, Problem Solving with Internet

Other Work Experience

Roche Bros Supermarket | *Boston, MA*   Oct 2018 - Jan 2019
Deli Clerk

Manning Personnel Group | *Boston, MA*   June 2018 - July 2018
Cryprocurrency Compliance Specialist

Rover.com | *Boston, MA*   Jan 2015 - January 2017
Dog Sitter