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

Summary: I am a software engineer focusing in web development. My passion for continuous improvement and teamwork helps me create applications that are usable, functional, and modular.

Web Development Projects

StackOverKo: A question-response website for developers

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

- Launched a open forum website that helps developers find specific answers
- Built Front End with React.js to emphasize modularity and boost performance
- Spearheaded a complex API that utilizes numerous one to many relationships and serializes nested associations
- Incorporated various open-source Node packages such as Markdown.js, Prism.js, Bootstrap

LetterBox: A user friendly, text-only blogsite for cat lovers everywhere

`JavaScript` `HTML` `CSS` `Express.js` `MongoDB` `jQuery` `Handlebars.js` `Agile` `Bootstrap` `Mobile-Design` `Responsive-Design`

- Produced a blogsite that allows users use CRUD actions on resources
- Collborated with group according to product development methodologies including Agile
- Coordinated with team to plan wireframes and Entity Relationship Diagrams
- Engineered Handlebars.js template for dynamic HTML generation
- Executed Responsive-Design and Modile-Friendly format for usability

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

`JavaScript` `HTML` `CSS` `Ruby` `Rails` `jQuery` `Handlebars.js` `Math.js` `Chart.js` `Bootstrap` `PostgreSQL` `Mobile-Design` `Responsive-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
- Incorporated pseudo pages to effectively have multiple routes

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
- Mathematics: Calculus I, Calculus II, Statistics
- Operations: Business Information Systems, Business Intelligence & Analytics
- Business: Law, Accounting, Finance, Marketing, Management

Work History

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

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

davidholyko.github.io/resume