

David Ko

Software Engineer
Boston, MA

Contact Info

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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 and is deployed on Github Pages:

davidholyko.github.io/resume

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

Cryptocurrency Compliance Specialist

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

Dog Sitter