

# 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:

davidholyyko.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
- Collaborated 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