





# David Ko

Software Engineer | Full Stack Developer  
Boston, MA

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**Summary:** I am a software engineer focusing in web development. My drive for self-learning and continuous improvement help me learn and create apps that are functional, are visually impressive, and modular.

## Projects










### Languages:

-  JavaScript
-  Ruby
-  HTML
-  CSS
-  Python
-  Java
-  Bash
-  VBA

### Libraries:

-  jQuery
-  Scss
-  Bootstrap
-  highlight.js
-  React.js
-  Express.js
-  PostgreSQL
-  Rails
-  SQLite
-  Flask

### Technologies:

-  Atom
-  Git/Github
-  VSCode
-  Ajax
-  Node.js
-  handlebars
-  Grunt
-  cURL
-  Vim

### Interests:

-  Smite
-  Warhammer II
-  XCOM 2
-  Cooking
-  Football

### Full Stack Brain Age Remake (In Progress)

- Single Page in JavaScript, HTML, CSS, and Ruby
- Interactive and Replayable 60 second logic game
- Uses Procedural Generation to create logic questions
- Uses Ruby on Rails library for Back-End
- Uses Responsive-Design concepts with Bootstrap, jQuery, and SCSS
- Uses CRUD Api design concepts
- Ajax requests sends/receives data to server
- Server has custom routes and serializations
- Front-End deployed on Github Pages; Back-End deployed on Heroku

### Front-End Tic-Tac-Toe

- Single Page Application created with HTML, CSS, JavaScript
- Includes recursive solution and demonstration for Tic-Tac-Toe for any size
- Uses Responsive Design concepts with Bootstrap, jQuery, and SCSS
- Ajax requests sends/receives data from server
- Deployed on Github Pages

### Front-End 8 Card Memory Game

- Single Page Application created with HTML, CSS, JavaScript
- Playable 8 Card Memory Game
- Uses CSS animation
- Deployed on Heroku

### Resume in HTML (Ongoing)

- Single Page Application created with HTML and CSS
- Includes clickable hyperlinks to external resources and projects
- Uses CSS Media Queries for printing and mobile friendly view
- Uses Bootstrap

## Work History

**General Assembly** *Boston, MA*

**Web Development Immersive Fellow**

- Full time 500 Web Development Immersive Program
- Complete four full stack applications by graduation
- Practice JavaScript, Ruby, and associated libraries/frameworks

Jan 2019 - Present

## Education

**General Assembly:** Full time 500+ hour Web Development Immersive Program

**UMass Amherst:** Coursework in Operations Information Management

Jan 2019 - Present  
Sept 2013 - May 2017