





David Ko

Software Engineer | Full Stack Developer











Boston, MA

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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

Summary: I am a software engineer focusing in web development. My passion for self-learning and continuous improvement helps me create apps that are functional, user-friendly, and modular.

Projects

Full Stack Brain Age Remake

- 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 math.js and Chart.js for stats and data visualization
- 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 algorithm to solve for Tic-Tac-Toe for any size
- Includes a demonstration of how the recursive algorithm works
- Uses Responsive Design concepts with Bootstrap, jQuery, and SCSS
- Ajax requests sends/receives data from server
- Deployed on Github Pages

Front-End 4 Pair Card Memory Game

- Single Page Application created with HTML, CSS, JavaScript
- Uses CSS animation, jQuery, and Bootstrap
- Includes documentation from original code to a modern, refactored version
- Playable 8 Card Memory Game
- Deployed on Github Pages and 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
- Deployed on Github Pages

Work History

General Assembly *Boston, MA* Jan 2019 - Present

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

Education

General Assembly: Jan 2019 - Present

Full time 500+ hour Web Development Immersive Program

UMass Amherst: Sept 2013 - May 2017

Coursework in Operations Information Management