

# Ben Charbonneau

## Web Developer

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## Summary

My first job out of college was at a healthcare software company in customer service. While helping customers, I also got to do development to help meet their needs. It was while I did this work that I found my passion for development.

So I joined General Assembly's web development immersive program to hone my skills and prepare to join the world of professional developers. Going through the program has confirmed my passion, I find joy in perfecting the details of an application and the challenge of finding creative solutions to new problems. I'm excited to join the computer science community and make my mark on the world.

## Experience

### General Assembly (March 2018 - June 2018)

#### Student

- Created an Android native app called An Emotion for the Moment using React Native for the frontend and Node.js for the backend with Firebase for the database. It that allows users to share their current emotion with their friends. Users can send friend requests, see their friends' emotions, and update their own emotion.
- Created a ride sharing app called Carpoolic with one other developer. I owned the frontend code and she owned the backend code, which was broken off into an independent API, but we both did development on both sets of code. The frontend code was built using ReactJS and CSS. The backend API was built using Ruby and PostgreSQL for the database. The app allows users to coordinate carpools to events. Users can sign up and create rides to a specified destination as a driver or join rides as a passenger.
- Created a co-operative monster shooting game. This was an independent project using JavaScript, HTML, HTML Canvas, and CSS. Players have to defeat waves of monsters together. The most exciting part is the AI for the zombies. They will chase the players around the map while staying clear of each other and obstacles.

### Epic Systems (August 2014 – January 2018)

#### Technical Services Representative, MyChart Patient Portal

- Coded 40 different development projects in just over three years, while balancing day-to-day technical support for 11 hospital organizations, the most development projects for someone of my tenure in my application. These development projects both improved internal processes and delivered critical enhancements to our organizations.
- Maintained a company-wide utility, accessible by over 300 hospital organizations, that gathered and formatted data taken from customer environments and output it in Excel for reporting and analysis purposes.
- Branded 12 websites using HTML/CSS by updating logos, design, and wording to maintain each organization's branding within the framework of the website following each software upgrade.

## Education

### Rose-Hulman Institute of Technology 2010-2014

Major: Bachelor of Science, Chemical Engineering

Minors: Material Science, Math, Spanish

### General Assembly March 2018-June 2018

Certificate: Web Development

## Skills

Caché	HTML/CSS	Ruby	ReactJS
JavaScript/jQuery	Node.js	noSQL	Bootstrap
React Native	Firebase	SQL	Less