

# Jared M. Ryan

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Portfolio: [jaredryanwork.space](http://jaredryanwork.space)

Github: [/jaredryan](https://github.com/jaredryan)

LinkedIn: [/in/jared-m-ryan](https://in/jared-m-ryan)

IBM developer looking to develop programming, design, management, and business skills.

## WORK EXPERIENCE:

### Software Developer II: April 2019—Present

IBM – San Jose, California

- Works with Cloud Pak for Data, a cloud platform for analyzing data using AI
- Owns the user management frontend, working primarily in React.js and Node.js
- Collaborates with the backend team on resolving issues, and implemented the user management auditing functionality
- Collaborates with the design team, giving feedback to find the best solution, and created the new user groups with two designers

### Software Developer I: June 2018—March 2019

IBM – Austin, Texas

- Worked with AppID, a cloud security application featuring frontend, backend, and security technologies
- Designed, programmed, reviewed, and tested code in an Agile environment
- Technologies used include Node.js, Angular.js, Java, Android, Swift, Kubernetes, Docker, Jenkins, Github, and Zenhub

## SKILLS:

### Front-End

- JavaScript
- React
- HTML/CSS
- jQuery

### Back-End

- NodeJS
- Ruby on Rails
- Express
- Mongoose
- MongoDB

### Other

- Python
- Java
- C
- Linux
- Git

### Familiarity

- Android
- Swift
- Angular
- SQL
- Jenkins

## PROJECTS (see portfolio at [jaredryanwork.space](http://jaredryanwork.space))

**Negotiation Feedback** | **Demo:** <https://negotiationfeedback.herokuapp.com> | **Github:** <https://github.com/jaredryan/peer-review>

- Full-stack MERN application for professor desiring a site where students submit feedback, then teachers grade and release it
- After secure authentication, it displays 1 of 3 dashboards, depending on whether the user is a student, teacher, or admin
- Its large-scale, complicated frontend and backend structure required careful code design and programming

**Built with:** React, Express, MongoDB, Node.js, JavaScript, JSX, CSS

**Nest Invaders** | **Demo:** <https://nestinvaders.herokuapp.com> | **Github:** <https://github.com/jaredryan/best-class-side-scroller>

- Full-stack MERN application implementing a 2D-shooting game in the browser
- 3 different levels with score tracking, 3 types of enemies with basic animations, and several types of enemy waves

**Built with:** React, Express, MongoDB, Node.js, JavaScript, JSX, CSS

**OpenHouse** | **Demo:** <http://openhouse-1.herokuapp.com> | **Github:** <https://github.com/jjeremydiaz/OpenHouse>

- Worked for a startup in an agile environment to create full-stack CRUD application for home offices
- Integrates search in its database with Google Maps API to display results on a map
- Implemented a messaging system to allow users to discuss renting a home office

**Built with:** Ruby on Rails, JavaScript, HTML, CSS, Cucumber, RSpec

## EDUCATION:

- *V School* — Full Stack JavaScript Web Development (MERN Stack)
- *University of California, Berkeley—College of Engineering*  
B.S. Bioengineering with Computer Science Emphasis

April 2018  
December 2017

## VOLUNTEER EXPERIENCE:

### Full-time Volunteer Public Representative, Trainer, and Manager: April 2013—March 2015

*The Church of Jesus Christ of Latter Day Saints* – Rio Grande do Sul, Brazil

- Presented messages to groups anywhere from 1-100 individuals
- Improved performance by 150% by leading 20 volunteers through coaching, interviews, weekly trainings and discussions
- Achieved fluency in Portuguese in writing, reading, and speaking