

# Jon Dominguez

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[LinkedIn](#)

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[Portfolio](#)

## SKILLS

Ruby, Rails, JavaScript, jQuery, React, Redux, SQL, Git, HTML5, CSS3, C++, MongoDB, Express, Node

## EDUCATION

University California @ Riverside - BS - Computer Science (Spring 2017)

App Academy - 1000-hour Full Stack Web Development intensive with less than 3% acceptance rate (2018-2019)

## PROJECTS

Hoop

[Live Site](#) | [Github](#)

*An addicting, space-themed game built with pure JavaScript, HTML5 Canvas, CSS3 and Webpack*

- Demonstrated Object-Oriented Programming principles including polymorphic models resulting in clean, maintainable code which could be seamlessly added upon
- Developed customized algorithms for independent rendering of multiple objects which resulted in simpler collision detection method
- Utilized HTML5 Canvas and Audio tags to produce an immersive user experience with animated game world and sound effects for most game actions
- Employed webpack bundler to generate file tree dependencies and allow for performant development and end-user loading of application (< 5 seconds load time on low-latency network connection)
- Applied JavaScript and CSS3 techniques to allow game to restructure itself to be optimized based on browser or mobile device

Chillflix

[Live Site](#) | [Github](#)

*A clone of Netflix built on a Ruby on Rails/AWS S3/Postgres backend with React/Redux frontend*

- Incorporated Rails ActiveStorage to store videos and thumbnails in the cloud with AWS S3, reducing server load
- Designed a pixel-perfect replica of the Netflix user authentication system including the splash page, session modal, and label animations on the session forms using HTML5 and CSS3
- Utilized Redux architecture's unidirectional data flow with React for predictable state and reliable DOM rendering

Rise

[Live Site](#) | [Github](#)

*Professional achievements and goals tracker built with MongoDB, Express, React, and Node (MERN Stack)*

- Designed and developed the user authentication system, which utilized the JSON Web Token strategy with Passport.js to communicate with Mongo database
- Generated custom Express routes to deliver and persist data through Axios allowing for smooth user experience with clear feedback from database
- Leveraged the Material UI API to create reusable React forms decreasing boilerplate code by 30% and allowing for faster load times
- Collaborated with team of four utilizing Git branches and code reviews to avoid merge conflicts

## EXPERIENCE

Software Engineer

*Self-Employed, June 2013 - June 2018*

- Self-taught JavaScript, jQuery, HTML, and CSS to develop and sell a series of Google Chrome Extensions
- Leveraged the Twitter API to monitor any account's tweets in real time and grab links based off of user filters
- Utilized Google Chrome LocalStorage for user settings and info, removing the need for a backend and resulting in faster run time and higher customer satisfaction
- Communicated with clients to get feedback and create new features such as backup size options and run speed customization leading to an average of 60% more sales
- Marketed through multiple channels, generating a 112% revenue increase each month over the first six months based off \$1000 revenue over the first month
- Helped to pioneer the movement of "bots," which have become an integral part of streetwear culture inspiring more people to learn how to code