

# RYAN ROLFES

## Software Developer

### CONTACT



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### EDUCATION

**Stanford University**  
BA Science, Technology & Society  
Stanford, CA || 2010-2014

**App Academy**  
Full Stack Development  
San Francisco, CA || 2017-2018

### LANGUAGES

- JavaScript
- Ruby
- Rails
- React
- React Native
- Redux
- jQuery
- HTML
- CSS
- Git
- AJAX
- Rspec
- SQL
- Webpack
- Babel
- Heroku

### SKILLS

- Front End Development
- Full Stack Development
- Algorithms
- Object-Oriented Programming
- Space/Time Complexity
- SQL Sever
- Test Driven Development
- Scrum Methodology
- Lean Manufacturing
- Wireframing
- Excel
- Finance
- Sandler Sales

### PROJECTS

**TreeSurfing (Ruby on Rails, PostgreSQL, React/Redux, HTML5, and CSS3)**

[Live](#) | [GitHub](#)

*Web application inspired by Airbnb used to rent upscale tree houses globally*

- Created a complex, yet intuitive UI by applying an organized component hierarchy in React
- Maintained a global application state using Redux to manage UI state by keeping pertinent data readily available
- Utilized a Rails MVC web framework with asynchronous data fetching from a PostgreSQL database via Ajax
- Applied the Google Maps API to update an index of tree houses based on changes to the map's bounds or a user's search input

**Falling Words (JavaScript, HTML5 Canvas, CSS3, and Webpack)**

[Live](#) | [GitHub](#)

*Typing game designed to improve a user's typing speed*

- Leveraged JavaScript's client side execution and recursive animation capabilities to create fluid, resource-light animations
- Embedded Canvas in the HTML to allow for real time DOM manipulation via linked external JavaScript files

**The Dating Game (MongoDB, Express, React Native, and Node) \*In Progress\***

[GitHub](#)

*iOS dating app designed to improve UX by prompting users to play games as ice breakers*

- Designed UX (wire frames), component hierarchy, and developed front end CRUD functionality in React Native
- Acted as project manager and lead front-end developer over a four-person team

### EXPERIENCE

**TeamCo Advisers\* – San Francisco, CA**

October 2015 – May 2017

*\*An 18-person investment advisory firm responsible for building custom portfolios of hedge funds*

*Investment Analyst*

- Streamlined day-to-day activities by identifying and contributing to the automation of repetitive tasks using Python and Excel
- One of five investment professionals responsible for investing \$1.7bn
- Used decision science to facilitate investment decisions in the tens of millions of dollars
- Researched, evaluated, and met with industry leading hedge fund managers to provide detailed analyses on a weekly basis
- Interacted with senior management on a daily basis, including traveling with and assisting the CEO in high profile meetings

**Oracle – Redwood City, CA**

July 2014 – October 2015

*Cloud Core Technology Account Executive*

- Specialized in SaaS, IaaS, and PaaS offerings to support enterprise businesses in the southwest United States
- Worked closely with database engineers and IT personnel to understand their business needs and improve their technological architectures