# ALEX BILLS
## FULL STACK WEB DEVELOPER

✉ alexbills1991@gmail.com  🌐 abb1991.github.io/  📞 414-759-8568  📍 San Francisco
in alex-bills  ○ abb1991

## SKILLS

**STRONG:** Javascript, React.js, Ruby/Rails, jQuery, HTML/CSS, AJAX, Active Record, Git
**EXPERIENCED:** React Native, Node.js, RSpec, PostgreSQL, Devise, SQL, Bootstrap, Jasmine

## EXPERIENCE

**Hazel Engineering**, *Software Developer*, San Francisco                     Jul 2017 - Nov 2017
- Developed Energy Management platform, leveraging IoT devices to help reduce energy consumption
- Offered business analytics to guide growth and adoption of new technologies
- Oversaw development team for internal and client facing tools

**Colonii**, *Software Developer*, San Francisco, CA                     May 2017 - Sep 2017
- Lead feature development including database design, user creation/authentication, UI/UX
- Instituted standardized Git and Agile-inspired team workflow
- Architected admin section for ecommerce platform

**Codecademy**, *Codecademy Advisor*, San Francisco, CA                     Jan 2017 - Sep 2017
- Guide students through coding topics one-on-one, help debug code and pass tricky exercises, offer additional resources, track student progress
- Support engineering team through git workflow identifying and reporting bugs/areas of potential platform growth

## SOFTWARE ENGINEERING APPLICATIONS

**Message In A Bottle - Lead Software Engineer**                     2016
*A journaling app promoting user introspection and focused writing through sending and receiving anonymous journal entries*
- Created Rails API and React.js front-end to build multi-functional single page web app
- Designed streamlined UI/UX to promote prolonged user engagement without needing to navigate away from main app
- Built RSpec test suite to unit test database associations, models and controllers for expected outputs as well as account for corner cases

**Investment Calculator - Software Engineer**                     2017
*A web app that offers new and rebalanced portfolios based on user's current investments and risk tolerance*
- Built responsive front end in React.js for modern web app UI/UX
- Created costume algorithm to asses and redistribute user portfolio
- Used component architecture and best practices to create easy-to-maintain, well documented codebase

**Mello Jello - Software Engineer**                     2017
*Web app used to organize users thoughts, plans, etc. into cards and columns*
- Functional programming Javascript architecture for DOM manipulation, state management, async calls
- Modern UI/UX for fluid web app experience
- Extendable codebase to allow for additional frameworks/feature updates

## EDUCATION

**Dev Bootcamp**
Web Development 2016
- Intensive full-stack web development course, building modern web application through whole life-cycle
- Focus on building back-end APIs in Ruby/Rails and front-end web apps through Javascript/React.js

**St John's College**
BA Liberal Arts 2014
- Double Major in Philosophy and the History of Math and Science, double Minor in Classical Languages and Comparative Literature