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# Sean Jun

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## FULL STACK DEVELOPER

Skilled in writing, clean, testable UI code. Experienced with React, jQuery, Node, vanilla JavaScript, and mobile-first responsive development with HTML5 and CSS3. Experienced with modern tooling and excited to pick up the right tools for the job.

### Key Skills

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**Language:** JavaScript/ES6, TypeScript, HTML5, CSS3/LESS, Node.js

**Framework/Library:** Angular, React/Redux, Express, jQuery, Bootstrap, D3.js, Socket.io

**Data/Auth:** MongoDB/Mongoose, PostgreSQL/Knex, Passport, Google OAuth

**Toolkits:** Git, REST APIs, NPM, Webpack, Heroku, Travis CI, Responsive Mobile-First Design, TDD

### Relevant Experience

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**PROTINGENT (contracted to INTEL CORPORATION)** | Systems Software Engineer, 2016 – Present

- Worked as a part of the UI programming team on developing retail applications adopting IOT solutions.
- Built D3.js powered data visualizations to monitor IOT environment for client project.
- Upgraded an AngularJS app from RC1 to 2.0.1. Converted the app from Semantic to Bootstrap frameworks.
- Tech: Angular 2.0.1, TypeScript, Bootstrap, D3.js, Karma/Jasmine, MS SQL, Agile, AWS

**THINKFUL** | Web Development Intensive, 2016

- Completed intensive, six-month course on modern full stack JavaScript development.
- Learned industry best practices and practical software development standards by collaborating with senior developers.

**Stellar Mathematics League** | JS Village Community Project Hackathon, 2016 (Recognized in 2nd Place)

- Developed an app consists of series of games and exercises designed to teach mathematics skills to children.
- Set up client-side skeleton using Handlebars.js and HTML5. Hosted meetings and managed tasks.

### Projects

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**CodeUp** / Co-Product Manager, Back End Developer

- Platform that provides answers to your programming questions in a real-time by peers and experts
- Role: Implemented Socket.io into server.js file. Built several back-end functions using Knex.
- Tech: React/Redux, Node.js, Express, PostgreSQL, Socket.io, Knex, Firepad, LESS, ES6

**Korean-X** / Front End Developer

- Product with spaced repetition algorithm that effectively aids in learning Korean
- Role: Built front-end with React/Redux. Added 'letter-opening' animations using LESS.
- Tech: React/Redux, Node.js, Express, MongoDB, Passport, OAuth, LESS, ES6

**Fridge-It** / Project Manager, Full Stack Developer

- Cooking app which allow users to search for recipes based on combined ingredients
- Role: Built front-end with React/Redux. Set up back-end database and used Lodash to filter ingredients.
- Tech: React/Redux, Node.js, Express, MongoDB, RESTful APIs, Lodash, LESS

### Additional Experience

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**C4 Laboratories** | Senior Research Associate, 2015 – 2016

**Arizona State University** | Research Consultant, 2013 - 2014

### Education

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**Korea Advanced Institute of Science and Technology** | M.S., Materials Engineering, 2012

**University of California, Santa Barbara** | B.S., Biochemistry, 2008