

# Clint H. Chu

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**SKILLS** JavaScript, React.js, Ruby, Rails, Node.js, Express.js, PostgreSQL, MongoDB, SQL, Git, HTML5, CSS3

## PROJECTS

**HappyHour** (Ruby, Rails, PostgreSQL, JavaScript, React/Redux, jQuery, HTML5, and CSS3)

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

*Inspired by/replicant of "Untappd", a social networking site where users can rate, review, check-in beers/breweries.*

- Utilized React's powerful, and relatively new feature, Hooks (React v16.8), providing functionality with fewer lines of code, easier readability, reusable components, and more control over the lifecycle methods.
- Coded HappyHour with an emphasis of bug-free functionality, versus visuals, and simplicity, where users can create/edit reviews of beers, like reviews, and create profiles; the minimum requirements of a social networking application.
- Integrated and configured AWS S3 Cloud Storage for image asset management for both users and development.

**JigglyPiggy** (Vanilla JavaScript, HTML5, and CSS3)

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

*A simple, interactive drag-and-drop, with collision detection, game within the browser.*

- Intentionally utilized "plain old" JavaScript (ES6) and functional programming (no Classes), making the application scalable, easier to comprehend, and linearly debuggable.
- Designed and constructed without using libraries or frameworks, and applied minimalism to emphasize functionality.

**JobieWalkie** (JavaScript, React/Redux, Node.js, Express.js, MongoDB, HTML5, and CSS3)

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

*A social networking site designed to automatically filter and retrieve specific software engineering roles from LinkedIn and provide an interface where users can provide feedback for other users.*

- A four-person collaboration, demonstrating ability to learn and implement new technologies in a short timeframe.
- Implemented the Puppeteer API (Node library) to crawl LinkedIn's job postings for specific listings through multiple filters, then save this information to the back-end MongoDB database.
- Configured Node.js, Express.js, and MongoDB to support the back-end non-relational database and utilize middleware to handle communication between the back- and front-end, thus successfully propagating information onto web applications.

## EXPERIENCE

### Student - Software Engineer

*App Academy, May 2020 - September 2020*

Graduated from App Academy's highly selective and rigorous immersive software engineering program.

### Strategic Planning Lead

*Williams-Sonoma, Inc., July 2018 - April 2020*

- Integrated three different internal reporting systems into a more cohesive streamlined system, improving accuracy of the data and reducing the needed headcount from 25 to 1.
- Performed ad hoc analysis, pinpointing abnormal sales or margin and identifying root-causes for debugging.
- Managed, and implemented, the OFT (an open-to-buy tool) for version control, issue-tracking, training, reporting.
- Subject Matter Expert (SME) in WSI's systems and technologies, thus, provided strategy for optimizing processes.

### Data Analyst

*Mills Uniform Company, April 2016 - July 2018*

- Utilized SQL to collect, cleanse, and feed daily, weekly, and monthly forecasting models.
- Reconciled data integrity issues between the SQL databases for more accurate and efficient reporting.
- Designed and developed the inventory optimization tool to identify and distribute any excess inventory across stores, reducing the time spent on manual calculations and overall cost.

### Business Operations Analyst

*Nestle USA, January 2014 - September 2015*

- Identified thousands of unaccounted products, across multiple warehouses, and provided respective allocation strategies.
- Analyzed about 100 Confectionary & Beverage products and provided respective performance reports of any risk or gain.

## EDUCATION

**App Academy** - Immersive software engineer program with a focus on full stack development (Sept 2020)

**University of Southern California** - B.S. in Business Data Analytics (Spring 2014)