

# Yuva Chang

## software engineer / web developer

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### skills

Javascript, React, Redux, Express, Node.js, HTML5, CSS3, Git, Sequelize, PSQ, SQL, MongoDB, Mongoose, Heroku, Webpack, Web Development, Rhino, V-Ray, Adobe Photoshop, Adobe Illustrator, Adobe Indesign,

### technical projects

#### EZsplit

Deployed: <https://ezsplit.herokuapp.com>

Github: <https://github.com/EZSplit/EZSplit>

React, Redux, Express, Socket.IO, Sequelize, PSQ, Mongoose, MongoDB, Passport, Node.js.

EZsplit is a bill-splitting app to manage and itemize receipts for shared purchases amongst groups. Users can edit a single receipt together in real-time across different devices to claim items and build an accruing IOU towards the person who paid the bill.

- Created front-end components to display items and updates in real-time as users update data
- Wrote logic for retrieving and calculating debts and user IOUs as they changed.
- Implemented OCR API on back end and routes for parsing and handling receipt data as JSON responses.
- Created MongoDB schemas and queries for handling image, users, and groups data.

#### Github Browser (Android)

Github: <https://github.com/yuvachang/stackathon>

Medium: <https://bit.ly/2FDbrQR>

React Native, Redux, Node.js, and Android Studio.

React Native Android app for logging into GitHub using basic authentication and viewing user repositories and subdirectories.

- Used React Native Navigation to design auth- and user-flow, focused on smooth user navigation throughout the app.
- Made consistent navigation and rendering of correct data while moving within the history stack.

#### Always Be Baking

<https://github.com/always-be-baking/gshopper-always-be-baking>

React, Redux, Express, Sequelize, PSQ, and Passport in Node.js

A baked-goods e-commerce single-page app with cart functionality across the site. Built in 1.5 weeks in a team using AGILE workflow.

- Implemented cart functionality with persistence between logged-in users and guests using local storage and Express sessions.
- Designed relational database schemas for users, carts, and products.
- Wrote and mapped thunks and back end routes for retrieving PostgreSQL data.

### professional experience

#### Design Consultant, New York, NY : 01/2018-12/2018

- Architectural rendering service, focusing on Rhino, Vray, and Photoshop post processing for visualizations.

#### SGVA, New York, NY : 11/2015-10/2017

- Met marketing and client proposal deadlines with render and visual deliverables from Rhino, Vray, and Adobe.
- Shaped the representational language and 3d digital workflow within the firm.
- Contributed to CAD, specs, code, and modeling work on residential projects including townhouse renovations and housing developments
- Led drafting of design competition deliverables.
- Worked closely with lead architect on renovation project and management.

#### Redtop Architects, New York, NY : 04-08/2014

- Built physical and digital models, and produced renderings for marketing and client work.
- Worked on construction documents.

### education

#### Fullstack Academy 01/2019-04/2019

Software Engineering Immersive

#### University of Michigan, Taubman College of Architecture 2013-2015

Master of Architecture

#### University of Florida 2008-2012

Bachelor of Design in Architecture

Minor in Japanese East Asian Languages and Literatures