

# Chuchu Song

FULL STACK DEVELOPER

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## EDUCATION

**University of California, Davis**

B.S. Managerial Economic

Sep 2012 – Sep 2016

**Hack Reactor, San Francisco**

Full Stack Bootcamp Training

April 2018- June 2018

## SKILLS

- Language: JavaScript
- Database: MySQL, PostgreSQL, MongoDB
- Front End: ReactJS, Angular6, HTML5, CSS3, SASS, Bootstrap, Material UI, jQuery
- Back End: NodeJS, ExpressJS

## PROJECT

**VioVo** (React, React-Router, Axios, Material UI)

View [DEMO](#)

- A single-page front-end app that streams real-time most popular trending videos on YouTube and enables users to search and play selected videos
- Integrated React Router to render multiple views in a Single Page Application providing users the ability to navigate the app with less loading time
- Empowered the app with Redux to have a single source of truth by dispatching redux actions to send HTTP request with Axios and to update the state data stored in reducer with the response data returned and transformed by Axios
- Designed and visualized the app in Material UI to enhance the user interface with a modern and comfortable visual experience by adding features such as hover effect, infinite scroll, and loading indicator

**ChatterSquare** (React, Redux, ExpressJS, PostgreSQL, KnexJS, Heroku)

View [DEMO](#)

- A full-stack project that provides an online chatting platform to allow users to converse and befriend other users in selected chat rooms
- Designed a RESTful API by applying ExpressJS framework with middleware and routers to provide services such as joining/leaving chatrooms, friend-list, and user-profile management
- Constructed relational database in PostgreSQL with multiple schemas built based on analyzing the relationship between chatrooms, users, and messages
- Applied KnexJS along with JavaScript for loop and Promises.all() functions to generate 10,000+ seed data and to manipulate data across different tables

## Experience

**Financial Analyst Intern**

Jun – Sep 2016

**Adobe**

- Designed and implemented Cost Segregation Project in Excel to conduct cost analysis over 1000+ data entries by building automated templates with VLOOKUP, SUMIF, and Data Validation functions
- Initiated cross-team communication to standardize the procedure for calculating and optimizing tax expenses on business trips in various tax scenarios and constructed a workflow to increase efficiency and productivity