





# TRUNG VU

SOFTWARE ENGINEER

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 <https://github.com/trungvuh>

 <https://trungvuh.github.io/TV/>

## EDUCATION

### APP ACADEMY

1000-hours immersive full-stack programming course  
Acceptance rate < 5%  
2017

### BACHELOR OF SCIENCE

Applied Mathematics  
UCLA  
2016

## SKILLS

Ruby on Rails

React/ Redux

Python

JavaScript

HTML5 & CSS

jQuery & AJAX

SQL & PostgreSQL

MongoDB

NodeJS

ExpressJS

Heroku/ Git

## PROJECTS

### DOABLE [Live](#) | [Github](#)

A website features a vast majority of DIY projects for babies and toddlers

- Built heavily with Ruby on Rails, JavaScript, React, and Redux
- Introduced BCrypt hashing for secure credentials validation and Figaro for storing sensitive content information
- Implemented drag-n-drop feature for instant upload and store image file in the Cloud using Cloudinary
- Incorporated Quill library for rich text editing and jQuery to make AJAX call using HTTP request for real time update search algorithm

### ROUTE 66 [Live](#) | [Github](#)

A first-person racing game built with HTML5 and JavaScript

- Used translation-projection-scaling technique to create a pseudo-3D world feeling for user
- Improved difficulty dynamically by increasing speed through incrementing velocity and canvas segment rendering for seamless UX experiment

### WAYSIDE [Live](#) | [Github](#)

An app for delivery services utilizing other drivers' travel plans

- Built with MongoDB for database and NodeJS and ExpressJS for RESTful API backend
- Utilized Google Map API Geolocation for multi-destinations map rendering and instant distance calculation
- Incorporated Google OAuth for secure user's authentication
- Implemented unidirectional data flow with Flux for reliable DOM rendering

## EXPERIENCE

### FINANCIAL ANALYST/ MARKETING DIRECTOR

TapViral Startup, Part-time, May 2014 - May 2016

- Tracked and analyzed markets, customers, and clients' budget spending
- Operated Tapviral, a group-developed platform used for managing and operating campaigns through Facebook and Instagram
- Developed a strong and effective skill in communication and persuasive conversation. Generated \$100k in revenue for the company in 6 months

### MANAGER

Osawa Shabu Shabu & Sushi, Pasadena, May 2013 - September 2017

- Trained a team of 15 people to get familiar with new booking system, Open Table, resulted in almost 180% increase in nightly seatings
- Advised in switching and installing newer and faster POS system, Revel
- Coordinated PR events for venue, including a recent feature on LA Times