



# WILSON CHUN

SOFTWARE ENGINEER

## CONTACT

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## EDUCATION

UNIVERSITY OF CALIFORNIA,  
DAVIS

B.S. in Managerial Economics  
Minor in Statistics  
2014

### APP ACADEMY

Immersive 1000-hour software  
development course with focus on  
full stack web development  
2017

## SKILLS

RUBY  
RUBY ON RAILS  
JAVASCRIPT  
JQUERY  
REACT.JS  
REDUX  
POSTGRESQL  
MONGODB  
EXPRESS  
REACT NATIVE  
NODE.JS  
RSPEC  
SQL  
GIT  
HTML5  
CSS3  
R

## WORK SAMPLES

### Grubs

Live | Github

(Ruby on Rails, PostgreSQL, React, Redux)

A full-stack web app that allow users to search and review restaurants

- Implemented React hash routing by creating protected and auth routes with algorithms to maintain a single-page app and to improve user experience and data flow
- Developed user authentication with Ruby on rails for secure user accounts using password encryption
- Incorporated Google Maps API to display a visual representation of restaurants in user search results

### quickBid

Live | Github

(MongoDb, Express, React Native, Node.js)

A 60 second live auction mobile app that allow users to score a bargain from retailers

- Employed websockets to enable an interactive communication session between multiple users and our server
- Populated database using MongoDB and express to ensure a new auction item rendered every 60 seconds
- Implemented OAuth 2.0 by making API requests to Facebook/Google's servers, allowing users to easily login

### NBA Bubble

Live | Github

(JavaScript, HTML, CSS)

An interactive data visualization showing distribution of shots from NBA teams

- Designed an interactive bubble chart by creating different sized bubbles based on the amount of shots
- Simulated bubble movements with force simulation to place the targeted bubbles in designated locations using D3.js library
- Formulated environment using HTML element SVG to support interactivity and animations

## EXPERIENCE

### Facebook | 2016 - 2017

Product Data Integrity Analyst

- Audited automated actions of algorithms to improve their impact on the propagation of both malicious and abusive accounts
- Refined algorithms with engineers to reduce false-positive accounts by identifying emerging trends relating to fake/abusive accounts
- Attained above-standard productivity (900) of tickets processed each day with a 99% accuracy

### Facebook | 2015 - 2016

Community Operations

- Investigated and followed trends to process 4,600+ "spammy" posts and accounts on Facebook each day
- Implemented new widgets for investigations and reorganized format which increased the number of tickets processed by 20%
- Provided cross-functional user support by responding directly to user inquiries from various markets