

# Wilson Chun



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<https://w-chun.github.io/portfolio/#>



## SKILLS

Ruby  
Ruby on Rails  
JavaScript  
jQuery  
React.js  
Redux  
PostgreSQL  
MongoDB  
Express  
React Native  
Node.js  
RSpec  
SQL  
Git  
HTML5  
CSS3  
R

## EDUCATION

### App Academy

October 2017

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

### University California @ Davis

September 2010 - June 2014

BS - Managerial Economics

Minor in Statistics

Dean's List

## PROJECTS

### Grubs

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

(Ruby on Rails, PostgreSQL, React, Redux)

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

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

### quickBid

[Live Site](#) | [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 Site](#) | [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 Contractor*

- 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 Contractor*

- 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 market