

Brandon Chui

415-823-6303 | 2638 26th Ave, San Francisco, CA 94116
bbchui325@gmail.com | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

PROJECT EXPERIENCE

OpenGym (*Ruby on Rails, React/Redux*)

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

Volleyball open gym locator modeled after Yelp

- Integrated Google Maps API for geolocation-based searching
- Designed back-end search queries using bounds created by Google Maps geocoding
- Created single page application using React/Redux for smooth and seamless navigation
- Leveraged React lifecycles to provide users up-to-date information without load time
- Utilized cloud storage on cloudinary for users to upload images and allow app to scale

AlgoMapper (*JavaScript, D3.js, HTML/CSS, Python/Django*)

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

Shortest-Path Algorithms Visualizer

- Incorporated D3.js to create animated step-by-step node traversal for each algorithm
- Calculated and compared time-complexity differences of each algorithm using built-in time vs node graph
- Remodeled four shortest-path algorithms into JavaScript code

PandaKoid (*JavaScript, EaselJS, HTML/CSS*)

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

Remake of the classic arcade game Arkanoid

- Incorporated EaselJS for dynamic and fluid animation
- Continuously monitored collision points between the ball and bricks using trigonometry

JustChat (*Node.js, Express.js, Socket.IO, JavaScript*)

In Progress | [Github](#)

Chat Room modeled after Slack

- Implemented Socket.IO for real-time instant messaging
- Integrated Express.js for user-friendly routing between chat rooms
- Established MongoDB database to have persisting messages

TECHNICAL SKILLS/LANGUAGES

JavaScript, Ruby, Python, React.js, Redux, Socket.IO, Ruby on Rails, SQL, Node.JS, Express, Django, HTML5, CSS3, jQuery, Easel.Js, D3.js, TDD, Git, Cantonese, Mandarin

PROFESSIONAL EXPERIENCE

Walgreen's Pharmacy

San Francisco, CA

Senior Pharmacy Technician

Jan 2014 - July 2016

- Managed work assignments for three technicians and interns to ensure consistent delivery
- Led multiple PTCB (Pharmacy Technician Certified Board) training courses for 50+ team members
- Optimized pharmacy productivity by improving drug accessibility, computer efficiency, and workflow processes
- Interacted and communicated with 150+ clients per day while maintaining strict client confidentiality

EDUCATION

App Academy

San Francisco, CA

Software Engineer Graduate

Mar 2017 - June 2017

- Immersive, hands-on program with less than 3% acceptance rate
- Focus areas: Full-stack web development, Object-oriented design

University of California, Davis

Davis, CA

Bachelors of Science in Pharmaceutical Chemistry

Sep 2008 - June 2013

- Men's Varsity Volleyball Co-Captain & Student Athlete