Brandon Chui

2638 26th Ave. San Francisco, CA 94116 | (415) 823-6303 | 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

EDUCATION & SKILLS

App Academy - *Software Engineering Graduate*   March 2017 - June 2017
- Immersive, hands-on program with less than 3% acceptance rate   **San Francisco, CA**
- Focus areas: Full-stack web development, Object-oriented design

University of California, Davis - Bachelors of Science in Pharmaceutical Chemistry   Sep 2008 - June 2013
- Men's Varsity Volleyball Co-Captain & Student Athlete   **Davis, CA**

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 & LEADERSHIP EXPERIENCE

Walgreen's Pharmacy   January 2014 - July 2016
Senior Pharmacy Technician   **San Francisco, CA**
- 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

Slainte Volleyball Club   November 2017 – May 2018
Assistant Volleyball Coach   **San Francisco, CA**
- Coordinated and executed drills for a travel club volleyball team of 12 student athletes
- Assessed individual players needs and developed 1-1 programs to improve fundamental skills