Brandon Chui

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PROJECTS

OpenGym *(Ruby on Rails, React/Redux)*   Live Site | Github
Volleyball open gym locator modeled after Yelp
- Integrated Google Maps API for geolocation-based searching
- Implemented back-end search query using bounds created by Google Maps geocoding
- Created single page application using React/Redux for smooth and quick navigation
- Leveraged React lifecycles to provide users up to date information without load time
- Utilized cloud storage on cloudinary to upload images allowing app to scale

AlgoMapper *(JavaScript, D3.js, HTML/CSS, Python/Django)*   Live Site | Github
Shortest-Path Algorithms Visualizer
- Incorporated D3.js to create step-by-step node traversal for each algorithm
- Remodeled four shortest-path algorithms into JavaScript code
- Calculated and compared time-complexity differences of each algorithm using built-in time vs node graph

Pandakoid *(JavaScript, EaselJS, HTML/CSS)*   Live Site | Github
Remake of the old arcade game Arkanoid
- Recreated *Arkanoid* gameplay strictly using JavaScript
- Incorporated EaselJS for dynamic and fluid animation
- Utilized EaselJS ticker to listen for user input
- Dynamically monitored collision points using trigonometry to constantly check the edges of the ball

SKILLS

Ruby	Ruby on Rails	jQuery	React.js	Redux	Python (learning)
SQL	JavaScript	HTML5	CSS3	Git	Django (learning)
Easel.Js	D3.js TDD	Cantonese (fluent)	Mandarin (learning)		

EXPERIENCE

Senior Pharmacy Technician | Jan 2014 - July 2016
Walgreen's Pharmacy
- Leading Pharmacy Technician in charge of work distribution between three other technicians and interns
- PTCB (Pharmacy Technician Certified Board) course instructor for 50+ Walgreen's team members
- Streamlined pharmacy productivity by 10% by improving drug accessibility, computer efficiency, and workflow
- Registered and dispensed 150+ prescriptions to patients per day

EDUCATION

App Academy   (March 2017 - June 2017)
Immersive software development course with focus on full stack web development with less than 3% acceptance rate

University of California, Davis   (September 2008 - June 2013)
Bachelors of Science in Pharmaceutical Chemistry