ANDREW WONG

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SKILLS

JavaScript ES6+	React/Redux	PostgreSQL	Jasmine.js	Web Sockets	Git/Github	SPA
HTML5	React Native/Expo	SQL	Test Driven Dev	AJAX/Fetch	Agile/SCRUM	PWA
CSS3/SASS	Node.js/Express	MongoDB	Mocha/Chai	REST API/JSON	CI/CD	MVC

PROJECTS

Chat App - Instant Messaging Application
Sole Full Stack Developer
Github | **Heroku**
July 2018 - Present

- Implemented web sockets to empower users to broadcast real-time chats messages to active online users
- Designed RESTful API endpoints with JSON for ease of front-end usability
- Developed with React to make an efficient SPA supporting partial page updates and Redux for state management to keep track of channels and messages (past and new)

Banana Hunt - Hilarious Augmented Reality (AR) Scavenger Hunt
Full Stack Developer
Github | **Github Page**
April 2018 - May 2018

- Led code review to draw attention to critical features to gather best practice feedback from instructors
- Refactored preliminary game component to load custom 3D objects to extend app functionality beyond MVP
- Leveraged mobile operating system via Native Modules from React Native to cancel animation to prevent battery drain and memory leakage
- Participated in agile scrum rituals including sprint planning, daily standups and retrospectives
- Built using React Native and Expo for mobile (iOS) UI and Three.js, ExpoTHREE, ARKit to create an AR experience

Cereal Shop - eCommerce Website for Breakfast Cereals
Back-end Engineer
Github | **Heroku**
March 2018 - April 2018

- Implemented persistent shopping cart allowing guests and logged in users to checkout their order without remaking their order for each session visit
- Collaborated with team to develop UI wire frames, database schemas/models, and features on 1 week sprint
- Built with React for user facing features, Redux to load user account details and Node.js, Express, PostgreSQL to persist shopping order and transaction details

EXPERIENCE

EY (Ernst & Young LLP) - Financial Services Office
Senior Transfer Pricing Consultant & Product Manager
(TPweb, an EY Proprietary Database Management Platform Web App)
New York, NY
October 2015 - December 2017

- Partnered with cross-functional stakeholders including engineering and client-facing teams to develop and execute a product roadmap for a comprehensive data management platform experience
- Organized and instructed a 2 day course to rapidly train 25 colleagues on web app functionality and its use cases
- Spearheaded 2 live product demonstrations during client pursuits and succeeded in winning both clients
- Served as a subject matter expert for EY's FS clients with an deep expertise on US headquartered banks
- Delivered innovative proposal which led to winning $375k in fees that grew to $1.3m in additional work with client

EDUCATION

Fullstack Academy of Code
Software Engineering Immersive Program
New York, NY
January 2018 - May 2018

CUNY Baruch College, Zicklin School of Business
Masters of Science in Taxation
Bachelor of Business Administration in Accounting
New York, NY
August 2014 - July 2015
August 2010 - June 2014

CERTIFICATIONS

Free Code Camp.org - Open Source Web Development Learning Platform
Info Security and QA (Testing) Certification (In-progress)
APIs and Microservices Certification
Responsive Web Design Certification
Front End Libraries Certification (Completed)
Github | **Codepen**
September 2018 - Present
September 2018 - September 2018
September 2018 - September 2018
August 2018 - September 2018

AICPA (American Institute of Certified Public Accountants)
Certified Public Accountant (CPA) in New York State
New York, NY
November 2016 - Present