ANDREW WONG

SOFTWARE ENGINEER

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SKILLS

React/Redux	Express	Node.js	PostgreSQL	Git, Github	SPA, AJAX	Promise/A+
React Native/Expo	JavaScript ES6+	HTML5	CSS3/SASS	SQL	TDD	Socket.io

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PROJECTS

CHAT APP - Instant Messaging Application   **Github | Heroku**
Sole Developer   July 2018 – August 2018
- Utilized web sockets to empower users to broadcast real-time chats messages to active online users
- 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   **Github | Github Page**
Developer   April 2018 - May 2018
- Led code review to draw attention to critical challenges to gather best practice feedback from instructors
- Refactored preliminary game component and state to load custom 3D objects to extend application functionality beyond MVP potential
- Leveraged mobile operating system via Native Modules from React Native to cancel animation to prevent battery drain and memory leakage
- 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   **Github | Heroku**
Developer   March 2018 - April 2018
- Designed and maintained custom RESTful APIs in Express to maximize front-end usability
- Implemented persistent shopping cart allowing guests and logged in users to checkout their order without remaking their order for each session visit
- Directed team discussions regarding prioritization of objectives, wire framing, database schemas, and shipping MVP
- 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

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EXPERIENCE

EY (ERNST & YOUNG LLP) - International Tax   **New York, NY**
Transfer Pricing Staff - Senior & Product Manager   October 2015 - December 2017
(TPweb, an EY Proprietary Web Application)
- Collaborated with .NET development team to suggest features to automate workflow and improve UI and UX
- Conducted 2 live technology demonstrations during client pursuits and succeeded in winning both clients
- Instructed a 2 day course to train 25 team members on the functionality of this web application and its use cases

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EDUCATION

FREE CODE CAMP   **Remote**
Front End Libraries Certification   August 2018 – September 2018

FULLSTACK ACADEMY OF CODE   **New York, NY**
Software Engineering Immersive Program   January 2018 - May 2018

BARUCH COLLEGE, ZICKLIN SCHOOL OF BUSINESS - CUNY   **New York, NY**
Masters of Science in Taxation   August 2014 - July 2015
Bachelor of Business Administration in Accounting   August 2010 - June 2014