

# Tony Wong

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## EDUCATION

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| Fullstack Academy, Software Engineering Immersive                    | October 2019 |
| University at Buffalo, Bachelor of Science in Mechanical Engineering | May 2019     |

## TECHNICAL SKILLS

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**Proficient:** JavaScript, Node.js, Express, React, Redux, Sequelize, PostgreSQL, HTML5, CSS, Heroku  
**Knowledgeable:** React Native, Expo, GraphQL, Apollo, Prisma, Viro-React, Travis CI, Github, AWS  
**Familiar:** Socket.io, Firebase, O-Auth, TDD (Testem, Mocha, Chai), Webpack, Babel

## PROJECTS

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| Stocfolio   <a href="#">View Github</a>   <a href="#">View Site</a> | March 2020 |
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*Mock stocks portfolio website*

- Designed a full-stack stocks portfolio web applications with features including real time stock statistics on search, buy and sell ability, current portfolio value, and transaction history
- Technologies: Node.js, React, Redux, Express, PostgreSQL, IEX Cloud API, Heroku, Travis CI

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| postAR   <a href="#">View Github</a> | October 2019 |
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*Augmented reality mobile app for interactive message posting*

- Designed a mobile app that allows user to leave messages in an AR world for other users to interact with
- Personal role included handling all AR functions using Viro-React, UI/UX design with React-Native, client-server (AR-database) communication via GraphQL
- Technologies: Javascript, Node.js, React-Native, Viro-React, GraphQL, Apollo, Prisma

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| Smile   <a href="#">View Github</a> | September 2019 |
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*Facial recognition mobile app build during an intense four-day stackathon*

- Designed a mobile app capable of detecting faces in live time, determining whether the subjects are smiling, and attaching a smiley emoji on their face if they are
- Technologies: Javascript, Node.js, React-Native, Expo-Camera, Expo-FaceDetector

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|--|----------------|
| Rainforest   <a href="#">View Github</a>   <a href="#">View Site</a> | September 2019 |
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*Fully functional e-commerce website dedicated to selling books*

- Designed a full-stack e-commerce website with features including client-server interaction, O-Auth log-in, persistent user and guest cart, order history, Heroku deployment with CI/CD, checkout and payment
- Personal role included Google O-Auth Log-In, Heroku deployment with Travis CI, front-end React-Redux component and back-end RESTful architecture for displaying products
- Technologies: Javascript, Node.js, React, Redux, Sequelize, Express, PostgreSQL, Google OAuth, Stripe API, Heroku, Travis CI

## WORK EXPERIENCE

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|-------------------------------|-------------------------|
| CCM Consulting Group, Inc     | New York, NY            |
| Engineering Consultant Intern | June-August 2015 / 2016 |

- Assisted engineers and project managers to efficiently meet deadlines on construction projects affiliated with major mobile telecommunication companies
- Prepared documents examined by the Department of Buildings –Work Permit, Cost Affidavit, etc
- Scheduled project examination appointments with Professional Engineers at Department of Buildings
- Monitored approvals of 100-200 accounts of incoming and outgoing projects

## INTEREST

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Fitness, sports, cooking, hiking, traveling, video games, board games, and everything food related  
“Learn, Share, and Create” – My Engineering Motto