

# JIMMY HUANG

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## WEB TECHNOLOGIES

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**Proficient:** JavaScript/ES6, HTML, CSS, jQuery, Sequelize, Express, PostgreSQL, React, Redux, Node, Semantic UI, Sass, Git

**Knowledgeable:** Python, Mocha, Chai, Jest, React Native, D3.js, AWS, Webpack

## TECHNICAL PROJECTS

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**Dance Dance Pose** | Developer | [github.com/dancing-karaoke/Dance-Dance-Pose](https://github.com/dancing-karaoke/Dance-Dance-Pose)

Dec 2018

*An interactive multi-dimensional game that resembles a modern take of Rock Band and Dance Dance Revolution. Users can choose from multiple songs, three difficulty levels, and dance to the beat while singing against the original artist to reach the leaderboard*

- Users must sing on key and dance to their favorite songs in order to earn points – all while being tracked using real-time web audio detection and human pose estimation (through pre-trained machine learning models straight from the browser)
- Deployed a full-stack application with continuous integration, on a team of four, in an Agile environment utilizing Sequelize, Express, Postgres, React with Redux, Web Audio DAW, and Posenet with Tensorflow
- Recipient of the ‘Facebook Live’ award, as an audience favorite, out of 25 capstone projects at Fullstack Academy’s Demo Day

**Black Box Trivia** | Sole Developer | [github.com/jimmyhuang/trivia-solver](https://github.com/jimmyhuang/trivia-solver)

Nov 2018

*An app, built for a four-day hackathon, that parses questions and answer choices, and returns the answer with the greatest confidence*

- Utilized Natural Language Processing (NLP), Optical Character Recognition (OCR), and custom search APIs to return answers
- Received the ‘Nerd Cred’ award for the most technically challenging project out of the Fall 2018 Fullstack Academy cohort

**Tesla Remote App** | Sole Developer | [github.com/jimmyhuang/tesla-remote-app](https://github.com/jimmyhuang/tesla-remote-app)

Nov 2018

*A mobile implementation of the official Tesla App where users can find the vehicle state of their cars, such as charging status and odometer readings, as well as perform basic remote actions like flashing headlights or remotely unlocking their car*

- Developed with React Native and the unofficial Tesla API through OAuth 2.0 Password Grant
- Authenticates the user before displaying the car’s telemetry data and available remote actions in a clean and simple UI

## WORK EXPERIENCE

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**Bank of America**

New York, NY

*Analyst, Enterprise Capital Management and Line of Business Reporting*

Jul 2017 – Aug 2018

- Utilized SQL queries in Teradata to analyze regulatory capital results by determining top drivers of risk-weighted assets, summarizing position details across all lines of businesses, supporting firm initiatives, and interpreting regulatory requirements
- Produced a peer competitor analysis deck to provide a holistic view of regulatory capital, capital return metrics, and topical industry commentary

*Analyst, Equity Synthetics and Structured Lending – Finance*

Jun 2016 – Jul 2017

- Implemented VBA optimizations into spreadsheets: Global Swaps P&L, Standard Specific Risk, and Prime Brokerage Balances

**Morgan Stanley**

New York, NY

*Intern, State and Local Tax Audit*

Dec 2014 – May 2015

- Assisted external state auditors with the resolution of new tax audits, and fulfillment of Information Document Requests

**Citigroup**

Queens, NY

*Intern, International Tax Compliance*

Feb 2014 – Dec 2014

- Developed macros in VBA to streamline system reports by automating: spreadsheet formatting, and the calculation of balance sheet accounts and taxable income for thousands of foreign entities – approximately 50 times faster than manual processing

## EDUCATION

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**Fullstack Academy of Code** (*Software Engineering Immersive*)

New York, NY

A top-ranked software development school with a curriculum centered around full-stack JavaScript and computer science

Dec 2018

**Udacity Front-End Web Developer Nanodegree** (*Grow with Google Developer Scholarship Recipient*)

Remote

Comprehensive curriculum covering JavaScript and the DOM, Web Accessibility, Object-Oriented JS, Testing, and React

Nov 2018

**Baruch College, Zicklin School of Business**

New York, NY

*Bachelor of Business Administration in Finance & Investments (Cum Laude)*

May 2016

**Certifications:** Passed Level I of the CFA (Chartered Financial Analyst) Program