

Thomas Zhang

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TECHNICAL SKILLS

- **Proficient:** JavaScript, Node.js, React, Redux, Express, PostgreSQL, Sequelize, Git, HTML5, CSS3, React Native, Expo
- **Knowledgeable:** SQL, NoSQL, Python, Three.js, Jasmine, Mocha, Chai, Enzyme, Firebase, Heroku, ngrok, Babel, Socket.io

PROJECTS

Crum: A location-based augmented reality, social media application

Repository: github.com/teamknown/crum

- Technologies used include React-Native, Expo, ThreeAR, React, Redux, PostgreSQL, Express, ngrok
- Worked in a team of 4 to develop Crum using a GitHub workflow and an Agile software development approach
- Set up session-based authentication, thunks, input validation, and password salting/hashing
- Implemented a map component with geolocation to allow users to scan for nearby "Crums"

Treat-Shopper: An e-commerce website featuring inventory management, admin control, and persistent cart functionality

Website: treat-shopper.herokuapp.com | Repository: github.com/TRET123/Treat-Shopper

- Application built in Node.js with React-Redux, Express, Sequelize, Passport, Stripe, Bootstrap, and Heroku
- Implemented product schemas and API routes to track inventory and streamline queries
- Designed components with frontend validation and secured backend routes with custom authentication middleware
- Formulated cart functionality that is managed by React-Redux and persisted over sessions using local storage

Chat-Bacc: A voice-enabled reminder application that plays back your recordings at a customizable rate and pitch.

Website: chat-bacc.firebaseio.com | Repository: github.com/speechRecorder/ChatBacc

- Integrated Firebase with React-Redux and leveraged Google's Cloud Firestore to manage collections of audio
- Utilized Web Speech API to achieve accurate speech recognition and speech synthesis
- Developed frontend components with Materialize for a modern responsive CSS framework, deployed with firebase hosting

PROFESSIONAL EXPERIENCE

J.P. Morgan Chase & Co.

New York, NY

Asset & Wealth Management Analyst

June 2018-August 2018

- Supported market growth strategies for our East, Florida, and New York markets by aggregating YTD and YoY metrics to measure banker performance. Ensured alignment with forecasted annual goals
- Presented a quarterly financial analysis on our Rochester market to the team lead and identified future opportunities to deepen client relationships
- Strategized a business case to identify key locations for business expansion across New York, presented findings to Private Bank leadership

The Wall Street Experience

New York, NY

Sales & Operations Intern

June 2017-August 2017

- Assisted in marketing and PR campaigns, which resulted in partnerships with 15 new affiliates and the launch of two tours
- Prepared monthly reports summarizing sales results and presented action plans to meet forecasted demand
- Led social media marketing strategy to increase online engagement, resulted in an 80% increase of total weekly impressions

EDUCATION AND HONORS

Fullstack Academy

New York, NY

Full-Time Web Development Immersive

April 2020

Binghamton University, State University of New York, School of Management

Binghamton, NY

Bachelor of Science in Business Administration, Concentration in Finance

May 2019

Cumulative GPA: **3.60/4.00**

Honors: Dean's List (Fall 2016-Spring 2018), Chase & Vellensky Scholar

ADDITIONAL INFORMATION

Languages: English, Cantonese, Mandarin

Organizations: ASCEND, Maimonides Volunteer, Finance Society, Chinese American Student Union, Pi Delta Psi Cultural Fraternity

Interests: Taekwondo, Traveling, Weightlifting, Hiking, Cooking