

# 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, Three.js, Jasmine, Mocha, Chai, Enzyme, Firebase, Heroku, ngrok
- **Some Experience:** NoSQL, Babel, Socket.io,

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## PROJECTS

### Crum [github.com/teamknown/crum](https://github.com/teamknown/crum)

*A location-based augmented reality, social media application*

- 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 [treat-shopper.herokuapp.com](https://treat-shopper.herokuapp.com)

*An e-commerce website featuring inventory management, admin control, and persistent cart functionality.*

- 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 [chat-bacc.firebaseio.com](https://chat-bacc.firebaseio.com)

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

- 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

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## 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 for new and existing products, which resulted in partnerships with 15 new affiliates and the successful 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

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## 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

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## 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