# Kevin Tu

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## SKILLS

- **Technologies:** JavaScript, TypeScript, React, Ruby, Sinatra, Ruby on Rails, Node.js, Express.js, SQL, Python, Chart.js, PostgreSQL, CSS, jQuery, Git, Github Version Control, Tableau, Cognos, Jira, Bootstrap, Material UI
- **Languages:** English (Native), Chinese (Fluent), Japanese (Conversational), French (Conversational)
- **Interests:** Digital Illustration, Creative Writing, Graphic Design, Hip Hop Dance, Swing Dance, Breakdance

## PROJECTS

### Stock28 – Stock Portfolio Tracker with Social Media Functionality | GitHub | Demo
- Designed a social media system where users can follow one another to see and be actively engaged in other's portfolios' performances
- Sourced real-time stock data by integrating both Tiingo and Finnhub APIs with my own to create a singular UX with portfolio tracking
- Constructed interactive data visualization with Chart.js, designing an easy-to-read representation of stock portfolio and performance
- Formulated a method to cache data from Tiingo and Finnhub APIs, halving data retrieval time and limiting unnecessary API calls
  - **Technologies:** React, Redux Library, Chart.js, PostgreSQL, Ruby, Netlify, Render, JWToken Authentication

### Lumbini App – A Personalized Diary App with Affirmations | GitHub | Demo
- Created personalized log-in and home screen that securely loads the logged in user's posts, customized homepage, and any new entries
- Implemented JWToken authentication and bcrypt password hashing to store sensitive user data in Lumbini's SQLite Database
- Designed a RESTful API backend in Node and Express that integrates fetched JSON data with an external API and renders to frontend
- Initialized version control with Git and managed merge and pull requests for scheduled enhancements and sprints to improve UI/UX
  - **Technologies:** React, React Hooks, Node, Express, SQLite Database, bcrypt, JWToken Authentication

### Natural One – A DnD Party Tracker App with Member Tracking | GitHub | Demo
- Built a robust party tracker with a focus on responsive design and a RESTful backend written in Ruby on the Sinatra DSL library
- Engineered a tracking system that allows users to create new parties by name, campaign, and description, as well as adding members
- Connected backend to SQL database with Active Records and built a one-to-many association between the Party and Member Model
- Programmed with TypeScript for static typing, data type validations, and used Redux for state management and front-end authentication
  - **Technologies:** React, TypeScript, Redux Library, Rails, bcrypt, Active Records, SQL Database, JWToken

## WORK EXPERIENCE

**GIB Dashboard Product Owner,** *JP Morgan Chase & Co.,* New York, NY                                *Aug. 2021-July 2022*
- Created custom VBA code to automate reporting on investment bank performance to our C-Suite, doubling weekly reporting efficiency
- Developed custom Tableau dashboards to quantify investment bank performance, improving reporting methods with real-time data
- Formulated risk models to stress test investment bank performance for Comprehensive Capital Analysis and Review guidelines
- Updated C-Suite presentation materials on investment bank financial performance leading to hundreds of new weekly trades globally

**Product Manager,** *JP Morgan Chase & Co.,* New York, NY                                *Aug. 2020-July 2021*
- Led app development for internal apps via the AGILE framework, directly improving user experience by managing over a dozen sprints
- Performed rigorous UAT testing each sprint, directly contributing to system-wide enhancements of our platforms and internal apps
- Wrote change management for each sprint as version control to document my updates to our Alteryx workflow and Tableau reports
- Hosted live demos each sprint to over 50+ internal users of our applications to demonstrate functionality of new enhancements

**Summer Analyst – GF&BM Program,** *JP Morgan Chase & Co.,* New York, NY                                *June. 2019-Aug. 2019*
- Analyzed and advised on daily credit and debit balance movements for hundreds of clients, directly supporting the global equities team
- Briefed the global equities teams daily by pinpointing variance changes in profits and losses and providing commentary on changes
- Created 10+ reports daily that accurately consolidated data from over 20+ financial reports and 3 databases across the investment bank
- Refined daily balance sheet variance reporting for SBL, CMG, cash PB, and synthetics desks by creating a new reporting process

## EDUCATION

**Flatiron School**                                                                                **New York, NY**
Full-Stack Software Engineering Bootcamp Graduate                                                                *August 2022*

**New York University, Leonard N. Stern School of Business**                                                **New York, NY**
Bachelor of Science in Marketing and Finance, Minor in BEMT                                                                *May 2020*