Zack **Yu**

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PORTFOLIO www.zackyu.io • **GITHUB** github.com/zackyu • **LINKEDIN** linkedin.com/zack-yu

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SKILLS   **Ruby · Ruby on Rails · JavaScript · React · Redux · jQuery · HTML5 · CSS3 · SQL · Git**

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PROJECTS   **MapMyTrot** (Rails, ReactJS, Redux)   live | github
Web application for users to track and share running activity.
- Integrates Google Maps API with geolocation based searching to allow for easy custom route creation.
- Optimizes data fetching with custom SQL queries and eager loading to eliminate N+1 queries and allow for scalability.
- Keeps code DRY through the use of polymorphic associations, partials and modular components.

Bubble Pitcher (Javascript, HTML5, Easel.js)   live | github
Classic remake of bubble shooter.
- Generates game environment and animation with HTML5's canvas and easelJS library.

zQuery (JavaScript)   github
Lightweight JavaScript library inspired by jQuery.
- Integrates methods for easy DOM Manipulation and Traversal.
- Performs asynchronous HTTP (Ajax) requests.
- Allows for event handling through on and off methods.

EXPERIENCE   **Financial Analyst** - *Bank of America (Jun 2014 - Jun 2016)*
- Conducted trend analysis on revenues, expenses, and net flows that led to increased revenue generation.
- Simplified and implemented controls for the profit & loss statement, reducing preparation time by 30%.

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EDUCATION   **Web Development -** *App Academy (Fall 2016)*
- Rigorous 1000-hour full-stack development course.
- Acceptance rate < 3%.

BA in Finance & Investments - *Baruch College, Class of 2014*
- GPA 3.65