

Zack Yu

447 58th St. • Brooklyn, New York • 11220

CELL (917) 215 - 8873 • E-MAIL zack.yu2@gmail.com

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

SKILLS

Ruby • Ruby on Rails • JavaScript • React • Redux • jQuery • HTML5 • CSS3 • SQL • Git

PROJECTS

Map My Trot (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 Dungeon (Javascript, HTML5, Easel.js)

[live](#) | [github](#)

HTML5 canvas game inspired by Bubble Shooter.

- Generates game environment and animation with HTML5 and easelJS library.
- Creates physics of bubble trajectory (bouncing and colliding) using vanilla JavaScript.
- Implements a hexagon board structure to manage bubble canvas elements efficiently.

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