

Zack Yu

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PORTFOLIO www.zackyu.com • **GITHUB** github.com/zy101249 • **LINKEDIN** linkedin.com/in/zack-yu

SKILLS

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

PROJECTS

Map My Trot (Ruby on Rails, ReactJS, Redux) [live](#) | [github](#)

Social media platform that allows users to track and share running activity

- Integrated Google Maps API with geolocation-based search for route creation
- Implemented infinite scrolling and pagination to increase browsing efficiency
- Created Activity Feed using polymorphic associations and custom SQL queries
- Encrypted HTTP client traffic with secure socket layer protocol

Bubble Dungeon (JavaScript, EaselJS) [live](#) | [github](#)

HTML5 Canvas game inspired by Bubble Shooter

- Implemented a queue and breadth-first-search algorithm to match bubbles
- Created projectile physics (bouncing and colliding) using vector math
- Managed sprite renderings through use of EaselJS library

zQuery (JavaScript) [github](#)

DOM manipulation and traversal library written in JavaScript

- Executes AJAX requests through use of XMLHttpRequest Web API
- Includes chainable function calls using JavaScript's promise class
- Handles creation of event listeners through on and off methods

EDUCATION

Web Development - App Academy (Oct 2016 - Jan 2017)

- Rigorous 1000-hour development course with an acceptance rate < 3%.

Bachelor in Business Administration - Baruch College, Class of 2014

- Major - Finance & Investments; Minor - Economics; GPA 3.65

EXPERIENCE

Financial Analyst - Bank of America (Jun 2014 - Jun 2016)

- Initiated efforts to automate reports with VBA, resulting in shorter prep time