

Michael K. Shin

197 Ellery St. #1, Brooklyn, NY, 11206

860.817.4850 | michaelkshin@gmail.com

[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Projects

HypeTrack (Rails, JavaScript, React.js)

[Live](#) | [GitHub](#)

RESTful music blog application, inspired by Hype Machine

- Transfers JSON from a RESTful rails backend to frontend via AJAX requests
- Uses a Flux architecture and unidirectional data flow to sync UI components
- Wraps native HTML5 Audio tags in React components for track controls
- Patches wavesurfer.js library internals to improve track caching

Toadder (JavaScript, HTML5)

[Live](#) | [GitHub](#)

Browser-based game inspired by Frogger

- Detects object intersection at vertices for collisions and interactions
- Animates sprites on HTML5 Canvas element for smooth rendering at 60 FPS

Aarmor (Ruby, SQL)

[GitHub](#)

Lightweight ORM based on Rails' ActiveRecord

- Generates SQL queries with defined Ruby methods via metaprogramming
- Maintains DRY principle using modules and inheritance

Skills

Ruby	Rails	Rspec	JavaScript	jQuery	React
Flux	HTML	CSS	SQL	Git	Python

Education

App Academy

New York, NY

Full-stack web development program, Acceptance rate <3%

Spring 2016

Emphasis on TDD, pair-programming, and code quality

New York University

New York, NY

B.Sc. in Finance & International Business

2007 – 2012

GPA 3.4, Stern Scholar (2007 – 2011)

Experience

Beyond Better Foods, LLC

New York, NY

Business Strategist

2014 – 2015

- Launched ecommerce platform and achieved revenue growth of 83% Q-Q
- Devised price sensitivity and logistics management models, accelerating growth in core business lines by 101% YTD

Paradigm Capital Management

New York, NY

Fund Analyst Intern

Spring 2014

- Built earnings forecast models for Industrials, Financials, and Energy equities
- Advised Senior VP on cinema exhibition market for \$1B AUM portfolio

Creative Artists Agency

Los Angeles, CA

Music Contracts Associate

2012 – 2013

- Performed due diligence on \$1M performance contracts for music artists