

Timothy Callahan

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[Github](#) [Portfolio](#) [LinkedIn](#)

WORK HISTORY

Wink, Inc., New York, NY - *Backend Engineer*

August 2016 - Present

- Developed new features and improved existing portions of the core Rails API and related microservices that handled over 300 million requests/day
- Responsible for developing and deploying to Kubernetes the customer service web portal (Rails, Javascript) as well as the Wink.com (Angular) website served statically from an AWS S3 bucket
- Optimized AWS DynamoDB queries to realize savings of \$1000+ / month

TheUnturnedPage, Brooklyn, NY - *Owner*

January 2014 - March 2016

- Founded and grew business from \$1000 investment to \$60k+/year in sales
- Sourced Chinese suppliers for merchandise, conducted price negotiations as well as product selection and development discussions in Mandarin

SKILLS

Ruby · JavaScript · React · Docker · Flux · jQuery · HTML5 · Rails · Git · SQL · CSS

PROJECTS

FavoRabbit (*Ruby on Rails, React, Flux*) [GitHub](#)

Inspired by TaskRabbit

- Built single-page app implementing a RESTful JSON Rails API on the backend and a React Flux architecture on the front end
- Uploads user images to the cloud and allows for scale using AWS S3
- Leverages database indexing to optimize SQL queries and reduce response time

Select - [GitHub](#)

Lightweight DOM manipulation library

- JavaScript library that allows for easy DOM manipulation and traversal, as well as convenient user interface for making AJAX requests.

NoMansLand - [GitHub](#)

JavaScript browser game

- Renders using HTML5 Canvas for dynamic and fluid animation

EDUCATION

App Academy, New York, NY

April 2016 - June 2016

- Rigorous 1000 hour web development course with < 3% acceptance rate
- Teaches full-stack web development: Rails, SQL, JS, React, TDD, algorithms, and programming best practices

Fordham University Graduate School of Business, New York - *M.S. Global Finance*

September 2012 - May 2013

- 3.5 GPA

Loyola University in Maryland - *B.A. English*

September 2003 - May 2007

- Honors College; Presidential Scholarship; JPMorgan Chase Scholarship; Rowing Team