

Bolei Zhang

401 Washington Blvd, Jersey City, NJ 07310

EDUCATION

New York University, New York, NY — MS Computer Engineer

Sept 2016 - May 2018

GPA: 3.7/4.0

Relevant Coursework

Principles of Database System

Design and Analysis of Algorithm

Intro to Operating System

Intro to Machine Learning

Cloud Computing

App Academy, New York, NY

July 2017 - Sept 2017

1000-hour immersive web development intensive with <3% acceptance rate

- Focus on: TDD, scalability, OOP, pair programming, security, algorithms

PROJECTS

MapMyRun — Rails, SQL, React, Redux

[live](#) | [Github](#)

A map-based web application inspired by MapMyRun

- Integrate Google Direction & Places API to provide search box and create route snap to real road
- Reduced AJAX requests by eager loading routes and comments of specific users
- Simplified database by one single friending table with status attribute without using another table of friending requests

Eviltris — JavaScript, Html5

[live](#) | [Github](#)

A JS web game inspired by Tetris

- Designed the game using Html5 Canvas and enhance the game difficulty by built algorithm to remove the most valuable piece from 7 pieces showing up next turn.

DataLive — Ruby, SQL


[Github](#)

An Object Relational Mapping inspired by ActiveRecord

- Remodeled the class and module to keep the code dry

Contact

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SKILLS

Ruby

Ruby on Rails

RSpec

JavaScript

C++

Java

jQuery

React

Python

Flux (Redux)

SQL

Git

HTML5

CSS3

PHP