

Brooklyn, NY 11220  
(347) 307-3665  
liyi.yu91@gmail.com

# Li Yi Yu

---

[LinkedIn](#) | [Github](#) | [Website](#)

## SKILLS

React • Redux • JavaScript • Ruby • Rails • SQL • HTML • Git • AWS S3

## PROJECTS

### **Kilogram** — React, Rails, PostgreSQL

[Live Site](#) | [Github](#)

*Photo sharing social media full stack web application inspired by Instagram*

- Implemented photo uploads using AWS S3 for quick, reliable retrieval and scalability
- Used polymorphic associations for likes on posts and comments to keep code efficient and reusable
- Extensive React/Redux component state control with modals that required prerequisite information

### **Link Four** — JavaScript, HTML5 Canvas

[Live Site](#) | [Github](#)

*Browser based game replication of Connect Four*

- Duplicated board states and checked win conditions to implement AI mode
- Calculated Canvas coordinates to match game's two dimensional array logic and correctly render game tokens

### **Living Proof** — Ruby, SQL

[Github](#)

*ORM framework inspired by Active Record*

- Created Ruby class methods to abstract away from SQL string querying
- Constructed association methods with joined SQL tables, providing more convenient ways to find linked data

## EDUCATION

### **App Academy** — 2018

*1000 hour coding intensive program, <3% acceptance rate, covering full-stack web development and computer science fundamentals*

### **Stony Brook University** — 2014-2018

*B.S. in Applied Mathematics & Statistics, Economics*

#### *Relevant Coursework*

Intro to Python • Intro to Java • Data Analysis