

# Li Yi Yu

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

## SKILLS

JavaScript (React/Redux, Node.js, Express.js), Databases (PostgreSQL, MongoDB), Ruby on Rails, AWS S3, Git, CSS

## PROJECTS

**Kilogram** - React, Rails, PostgreSQL, AWS

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

*Single page web application inspired by Instagram*

- Implemented photo uploads with 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](#) | [Github](#)

*Browser based game replication of Connect Four*

- Duplicated board states in order to check for optimal conditions to implement a defensive AI Mode
- Calculated coordinates on Canvas to match game's two dimensional array logic and correctly render game tokens

**DataORM** - Ruby, SQL

[Github](#)

*ORM framework inspired by Active Record*

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

## EXPERIENCE

**Campus Associate**

May 2017 - May 2018

Amazon Locker @ Stony Brook, NY

- Provided friendly, respectful and efficient customer service aligned with Amazon core values
- Engaged customers with demos showcasing Amazon's campus locker technology

**Technical Assistant**

Mar 2016 - May 2018

Tabler Center for Arts @ Stony Brook University

- Set up and troubleshoot audio-visual technologies and equipment for lectures, performances and conferences
- Handled logistics for both large and small scale events, delivering quality customer service

## EDUCATION

**Stony Brook University**

May 2018

*Bachelor of Sciences in Applied Mathematics & Statistics and Economics*

Relevant Coursework:

Intro to Python - Intro to Java - Data Analysis

**App Academy**

Fall 2018

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

Focus on: TDD, data structures, OOP, REST, authentication