

# WILLIAM YU

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[GitHub](#) | [Website](#) | [Demos](#) | [Linkedin](#) | [Email](#)

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## FULL STACK DEVELOPER

I am a self-driven and team-orientated full stack developer with experience in frontend and backend technologies. As a full stack developer with sharp analytic and problem solving skills and a background in chemical engineering, I have well immersed myself in mathematics, physics, engineering and problem solving. I am eager to leverage my engineering and problem solving skill set to be a resourceful and strong asset to a new team.

## PROJECTS

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**Bot.io** - [Demo](#) | [Site](#) | [Github](#) | [version1](#)

*Bot.io is a ecommerce web application where users can purchase bots. Users can sign up, login, add and delete items from their carts, as well as add and delete reviews for each bot in the store.*

- Created and maintained **SQL** database with data about each bot in a store leveraging **Faker** gem.
- Stored user login, bot reviews and cart information utilizing **Rails backend**.
- Implemented full CRUD functionality and routes with **Rails** and **Restful API** calls with **React**.

**WhatsApp** - [Demo](#) | [Site](#) | [Github](#) |

*Inspired by the popular chat app, WhatsApp, WhatsApp is a web application focusing primarily on group chats. Users can sign up, login, join a chatroom, and send and receive messages in real time.*

- Successfully implemented **action cable** and **web sockets** for real time chat functionality.
- Maintained users, user messages and chat rooms with **Rails Active Records**.
- Leveraged **JWT authentication** for user auto-login functionality and user login.

**NYC Health Inspection** - [Demo](#) | [Site](#) | [Github](#) |

*A web application where users can search a NYC Food establishment and see its health stats*

- Combined **Google Maps API** and NYC Health Inspection Database API to map out restaurant health stats
- Leveraged **REST API** calls to Google Maps API and NYC Health Inspection API.
- Used **BootStrap** to build a minimalistic and clean user interface.

**UHungry** - [Demo](#) | [Site](#) | [Github](#) |

*A web application where users can search a recipe and perform **REST API** calls*

- Implemented **REST API** calls to third party API.
- Utilized **ReactJS** and **BootStrap** to create a front end user interface.

## TECHNICAL SKILLS

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**JavaScript** | **ReactJS** | **Ruby** | **Rails** | **Sinatra** | **BootStrap** | **Material-UI** | **SQL** | **PostgreSQL** | **SQLite** | **Git** | **Github**

## EDUCATION

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**Flatiron School Full Stack Software Engineering Boot Camp**, JavaScript/React and Ruby on Rails | New York, NY  
Jan 2022 – May 2022

**NYU Tandon School of Engineering** Bachelor of Science in Chemical Engineering | New York, NY May 2017

## WORK EXPERIENCE

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**Sam's Fried Ice Cream LLC** New York, NY | Supervisor

December 2018 - April 2020

- Managed and oversaw store operations.
- Ensured food safety, quality assurance and customer satisfaction.
- Audited and maintained store inventory