

# WILLIAM YU

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

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## BIO

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I am a driven and team-orientated full stack developer with experience in frontend and backend technologies such as JavaScript, ReactJS, NodeJS, Ruby, Sinatra, Rails, BootStrap, Material-UI and Git. As a chemical engineering graduate, I have well immersed myself in mathematics, physics, engineering and problem solving. I am eager to apply my skill set in becoming a resourceful and strong asset to a team.

## TECHNICAL SKILLS

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

## 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.

## EDUCATION

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

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