

# William Wu

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## EDUCATION

**Rochester Institute of Technology**  
B.S. in Computer Science, GPA: 3.7/4.0

Rochester, NY  
Expected May 2023

## EXPERIENCE

### MathWorks

Remote

#### Software Engineer Intern

January 2022 – April 2022

- Working on improving Simulink user workflows with JavaScript

### Rochester Institute of Technology

Rochester, NY

#### Course Assistant

January 2020 – December 2020

- Assisted the professor in fulfilling daily course operations for Introduction to Software Engineering
- Held weekly office hours to aid students in grasping software engineering concepts
- Prototyped automated scoring of Java programming assignments through JUnit with GitHub Actions

### EE Solutions

New York, NY

#### Software Development Intern

June 2019 – August 2019

- Developed React components for web applications integrated with RESTful APIs
- Built responsive front-ends using wireframes following design principles of single-page web applications

## PROJECTS

### Rogue Lineage

January 2019 – August 2021

- Game on the Roblox platform, nominee for "Sleeper Hit" in the 7th Annual Bloxy Awards
- Analyzed user reports to guide updates, encourage community involvement, and improve player retention
- Developed content and designed systems with event-driven programming logic in Roblox Lua

### brickhack.io

September 2019 – February 2021

- Maintained and developed features for brickhack.io, the principal site for RIT's largest hackathon
- Coordinated with the codeRIT design team to ensure feasibility of wireframe implementations

### Micro Counter

February 2021

- Winner of the Best API and Most Original Use of the Wegmans API prize category for BrickHack 7
- Google Chrome extension that enhances online grocery shopping on the Wegmans website by tabulating the micronutrient contents of previously ordered products or those present in the cart
- Employed asynchronous operations in JavaScript to optimize processing of calls to the Wegmans API

## EXTRACURRICULARS

### Rochester Institute of Technology

Rochester, NY

#### codeRIT

September 2019 – Present

- Web developer for codeRIT, a student-run organization for the RIT hackathon community
- Collaborates with other members on hackathon-related projects such as the BrickHack website

## SKILLS

### Languages

Java • Python • JavaScript • HTML/CSS • SQL • C

### Tools & Technologies

Git • React.js • Node.js