

# Daniel Wu

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Staten Island, NY

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

JavaScript, React, Redux, HTML, CSS/SCSS, Ruby, Ruby on Rails, Python, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, TTD, RSpec, Webpack, jQuery, Git, Heroku

## PROJECTS

**InLink** - *LinkedIn Clone (Ruby on Rails, React/Redux, HTML, SCSS)*

[live](#) | [github](#)

- Built a pixel perfect clone of LinkedIn using CSS flexbox and grid to maintain a flexible layout
- Implemented client-side error-handling to reduce unnecessary AJAX calls which improved performance
- Stored and accessed user's avatar and background with AWS S3 media storage and Rails backend
- Improved user experience by eager loading database queries for posts, comments, & user profiles
- Utilized the Intersection Observer API to implement infinite scrolling and improve scalability

**LaceUp** - *Pickup Sports Platform (MongoDB, Express.js, React/Redux, Node.js, HTML, SCSS)*

[live](#) | [github](#)

- Oversaw project planning, implementation and testing as the project lead while maintaining the team's morale and motivation through frequent communication
- Delegated work equitably based on the team member's roles and assigned deadlines for each task
- Built a personalized user profile with CRUD functionality and sorted records of their events
- Utilized React's lifecycle methods to update a component's state and make AJAX requests

**Sweepa** - *Pathfinding Robot Vacuum Simulator (JavaScript, HTML, SCSS)*

[live](#) | [github](#)

- Designed two custom cleaning algorithms with varying efficiencies and implemented four modes with different pathfinding algorithms for the robot's docking system
- Optimized Dijkstra's, A\* search, and Greedy Best First search algorithms with early termination and the usage of minimum heaps as priority queues
- Leveraged JavaScript's async/await keywords in the pathfinding algorithms to maintain the interval between successive setTimeout calls

## EXPERIENCE

**Physical Therapy Aide** - *JAG-ONE Physical Therapy*

Jan 2020 - Mar 2020

- Communicated effectively with coworkers to allow for smooth transition within patient's treatment plan
- Guided patients through appropriate warm up, exercises and rehabilitation
- Maintained a clean and proper work environment throughout the day
- Demonstrated efficient time management by strategically prioritizing tasks

**Manager** - *Minus10 Ice Cream*

Jun 2016 - Aug 2018

- Worked in a fast-paced environment, demonstrating ability to work with a sense of urgency
- Achieved high output through effective delegation of a team of eight juniors
- Maintained a positive, empathetic, and professional attitude toward customers at all times
- Handled cash and card transactions with high accuracy to ensure a flawless payment process
- Challenged conventional practices and improved methods by maximizing efficiency

## EDUCATION

**App Academy - Full Stack Web Development**

Spring 2021

*Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding*

**Stony Brook University - BS, Health Science (Healthcare Management)**

Spring 2019

**Stuyvesant High School**

Spring 2015