

Timmy Chen

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EDUCATION

Rutgers University	New Brunswick, NJ
Bachelor of Arts, Computer Science	May 2025
Bachelor of Science, Business Analytics and Information Technology	May 2025
<ul style="list-style-type: none">GPA: 4.0/4.0	

PROFESSIONAL EXPERIENCE

JupyPod , Remote - https://github.com/JupyPod/JupyPod	Sept 2023 - Present
Intern	
<ul style="list-style-type: none">Developing an application using React, TypeScript, React Flow, and Zustand based on CodePod, where users can organize data and code on a canvas, allowing for seamless visualization and scalability.Implemented critical features such as exporting user data to a JSON file, which can then be imported into the application for progress persistence, and grouping nodes in boxes for organization and multi-selection.	
CodePod Inc. , Remote - https://codepod.io/	Jun 2023 – Aug 2023
Summer Intern	
<ul style="list-style-type: none">Contributed significant improvements to the user interface by implementing features such as font size adjustment sliders, auto-hiding toolbars, and styling adjustments using React, Typescript, and Zustand for state management.Learned best practices in collaborative coding and workflow management through experience with Git procedures and GitHub.	
Rutgers Algorithmic Robotics & Control Lab , New Brunswick, NJ	Jun 2023 – Aug 2023
Undergraduate Assistant	
<ul style="list-style-type: none">Constructed several differential drive robot models by soldering circuit boards while collaborating with other students to develop lesson plans and a lecture video detailing robotics fundamentals.Wrote a program in Python employing the Matplotlib library to simulate the implementation of the Pure Pursuit Controller for robot path tracking in a 2D plane, serving as a visualization tool for the algorithm.	

PROJECTS

Portfolio Website - https://chimmyten.github.io/Portfolio-Website/	
<ul style="list-style-type: none">Built a personal website built with HTML, CSS, and vanilla JS functioning as a showcase for projects and work.	
Weather App - https://chimmyten.github.io/weather-app/	
<ul style="list-style-type: none">Created an interactive weather app built with React and Bootstrap that allows users to easily search for a location and receive weather information as well as the forecast with adjustable settings.Utilized the Free Weather API (https://www.weatherapi.com/) to collect weather data and display it to users.	
Chess - https://github.com/chimmyten/Chess	
<ul style="list-style-type: none">Collaborated with another student to build a package in Java that serves as a functioning Chess game, where users can play chess against an opponent.Applied object-oriented programming principles to facilitate code correctness and reuse throughout the development process.	

SKILLS

- Languages: Java, Python, C, HTML/CSS, JavaScript, TypeScript, SQL
- Tools: React, Bootstrap, MUI, React Flow, Remirror, Matplotlib, Zustand, Docker
- Coursework: Software Methodology, Design and Analysis of Algorithms, Linear Algebra, Data and Information Management, Computer Architecture