

## Timmy Chen

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### EDUCATION

<b>Rutgers University</b>	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"><li>GPA: 4.0/4.0</li></ul>	

### PROFESSIONAL EXPERIENCE

<b>JupyPod</b> , Remote - <a href="https://github.com/JupyPod/JupyPod">https://github.com/JupyPod/JupyPod</a>	Sept 2023 – Nov 2023
Intern	
<ul style="list-style-type: none"><li>Contributed code for placing Remirror rich text boxes on a React Flow canvas using React, TypeScript, and Zustand, and implemented core app functionality such as adding, deleting, and dragging nodes.</li><li>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 auto-resizing boxes for organization and multi-selection.</li></ul>	
<b>CodePod Inc.</b> , Remote - <a href="https://codepod.io/">https://codepod.io/</a>	Jun 2023 – Aug 2023
Summer Intern	
<ul style="list-style-type: none"><li>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.</li><li>Learned best practices in collaborative coding and workflow management through experience with Git procedures and GitHub.</li></ul>	
<b>Rutgers Algorithmic Robotics &amp; Control Lab</b> , New Brunswick, NJ	Jun 2023 – Aug 2023
Undergraduate Assistant	
<ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>	

### PROJECTS

<b>Portfolio Website</b> - <a href="https://chimmyten.github.io/Portfolio-Website/">https://chimmyten.github.io/Portfolio-Website/</a>
<ul style="list-style-type: none"><li>Built a personal website built with HTML, CSS, and vanilla JS functioning as a showcase for projects and work.</li></ul>
<b>Weather App</b> - <a href="https://chimmyten.github.io/weather-app/">https://chimmyten.github.io/weather-app/</a>
<ul style="list-style-type: none"><li>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.</li><li>Utilized the Weather API (<a href="https://www.weatherapi.com/">https://www.weatherapi.com/</a>) to collect weather data and display it to users.</li></ul>
<b>Chess</b> - <a href="https://github.com/chimmyten/Chess">https://github.com/chimmyten/Chess</a>
<ul style="list-style-type: none"><li>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.</li><li>Applied object-oriented programming principles to facilitate code correctness and reuse throughout the development process.</li></ul>

### 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