

## Timmy Chen

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### EDUCATION

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<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

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<b>JupyPod</b> , Remote - <a href="https://github.com/JupyPod/JupyPod">https://github.com/JupyPod/JupyPod</a>	Sept 2023 - Present
Part-Time Developer	
<ul style="list-style-type: none"><li>Developing an application using React, TypeScript, React Flow, and Remirror based on CodePod, where users can organize data and code on a canvas, allowing for seamless visualization and scalability.</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>Implemented front-end UI related features including font size adjustment sliders, auto-hiding toolbars, and styling adjustments to improve user experience using React, Typescript, and Zustand for state management.</li><li>Learned collaborative coding and workflow management skills through experience with GitHub.</li></ul>	
<b>Rutgers ARC 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 utilizing 3D printed parts and soldering circuit boards.</li><li>Collaborated with other students to develop a curriculum and lesson plans related to robotics basics targeted towards high school students.</li></ul>	

### PROJECTS

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<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 Free 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>Pure Pursuit Lecture Video</b> - <a href="#">Google Drive Link</a>
<ul style="list-style-type: none"><li>Wrote a program in Python and employed 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><li>Collaborated with another student to produce a supplementary lecture video detailing the Pure Pursuit Controller that explains the concepts and mathematical principles of the algorithm.</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 applying object-oriented programming principles that serves as a functioning Chess game, where users can play chess against an opponent.</li></ul>

### SKILLS

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- 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