

## Timmy Chen

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### EDUCATION

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#### RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

##### Rutgers Business School

New Brunswick, NJ

Bachelor of Arts, Computer Science

May 2025

Bachelor of Science, Business Analytics and Information Technology

May 2025

- GPA: 4.0/4.0

### PROFESSIONAL EXPERIENCE

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#### JupyPod, Remote

Sept 2023 - Present

Intern

- Developing an application using React, TypeScript, React Flow, and Remirror based on Codepod, where users can organize data and code into pods on a 2D Canvas.

#### Rutgers ARC Lab, New Brunswick, NJ

Jun 2023 – Aug 2023

Undergraduate Assistant

- Constructed several differential drive robot models by utilizing 3D printed parts and soldering.
- Collaborated with other students to develop a curriculum and lesson plans related to robotics basics.

#### CodePod Inc., Remote

Jun 2023 – Aug 2023

Summer Intern

- <https://codepod.io/>
- Implemented several front-end UI related features including font size adjustment sliders, auto-hiding pod toolbars, and styling adjustments using React, Typescript, and Zustand for state management.
- Learned collaborative coding and workflow management skills through experience with Github.

### PROJECTS

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#### Portfolio Website

- <https://chimmyten.github.io/Portfolio-Website/>
- A personal website built with HTML, CSS, and vanilla JS functioning as a showcase for projects and work.

#### Pure Pursuit Lecture Video

- <https://drive.google.com/drive/u/2/folders/1-8dpU9EuBkI8YcuXy8QyMmAVruEzPreV>
- Collaborated with another student to produce a lecture video detailing the Pure Pursuit Controller.
- The video includes a presentation as well as live coding of a simulation of the algorithm written in Python.

#### Cache Simulator

- <https://github.com/chimmyten/Cache-Simulator>
- Wrote programs in C to simulate both a one level and two level computer cache.
- These programs take in the parameters of the cache as well as a series of memory addresses. The programs will then output the number of memory reads, memory writes, cache hits, and cache misses of each cache.

#### Weather App

- <https://chimmyten.github.io/weather-app/>
- An interactive weather app built with React and Bootstrap. The app uses data from the Free Weather API (<https://www.weatherapi.com/>) and displays weather information based on a searched location.

### SKILLS

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- Languages: Java, Python, C, HTML/CSS, JavaScript, TypeScript
- Frameworks/Libraries: React, Bootstrap, MUI
- Libraries: React Flow, Remirror