Timmy Chen

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EDUCATION

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

JupyPod, Remote - https://github.com/JupyPod/JupyPod   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 - https://codepod.io/   Jun 2023 – Aug 2023

Summer Intern

- 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

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/1-8dpU9EuBkI8YcuXy8QyMmAVruEzPrcV
- 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 and forecast based on a searched location.

SKILLS

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