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 Sept 2023 - Present
Intern

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

Rutgers ARC Lab, New Brunswick, NJ Jun 2023 – Aug 2023
Undergraduate Assistant

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

CodePod, Remote 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 skills through experience with Github and other tools for organization and integration.

PROJECTS

Portfolio Website

- https://chimmyten.github.io/Portfolio-Website/
- A personal website built with HTML, CSS, and vanilla JS showcasing my 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.

Calculator App

- https://github.com/chimmyten/calculator-app
- A calculator app built with HTML, CSS and vanilla JS. The calculator has a responsive design and can perform elementary operations, as well as take keyboard inputs.

SKILLS

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