Timmy Chen

Edison, NJ 08820

(732) 829-3945

tim.chen6634@gmail.com, linkedin.com/in/timmychen1, https://github.com/chimmyten

EDUCATION

Rutgers University, New Brunswick, NJ   May 2025

Bachelor of Arts, Computer Science

Bachelor of Science, Business Analytics and Information Technology

- GPA: 4.0/4.0
- Coursework: Software Methodology, Design and Analysis of Algorithms, Linear Algebra, Data and Information Management, Computer Architecture

PROFESSIONAL EXPERIENCE

JupyPod   Sept 2023 – Nov 2023

Intern

- Contributed code to a rebuild of CodePod, a canvas-based text editor using React, TypeScript, and Zustand, and implemented core app functionality such as adding, deleting, and dragging editable text nodes.
- Implemented critical features such as exporting and importing user data to/from a JSON file for progress persistence and grouping nodes in auto-resizing boxes for organization and multi-selection.

CodePod Inc.   Jun 2023 – Aug 2023

Summer Intern

- Contributed significant improvements to the front-end user interface of a canvas-based code/text editor such as font size sliders, auto-hiding toolbars, and styling adjustments using React, Typescript, and Zustand.
- Learned best practices in collaborative coding and workflow management through experience with Git and GitHub procedures such as forking, branching, merging, and pull requests.

Rutgers Algorithmic Robotics & Control Lab,   Jun 2023 – Aug 2023

Undergraduate Assistant

- Developed plans for a series of lecture videos detailing robotics fundamentals, consisting of designing the curriculum and writing a program in Python employing the Matplotlib library to simulate the implementation of a path following algorithm for robots.
- Assisted with building a platform in which small robots could be controlled by drawing paths on an interactive camera interface by constructing robot models and soldering circuit boards together.

PROJECTS

Portfolio Website - https://chimmyten.github.io/Portfolio-Website/

- Built a personal website with HTML, CSS, and JavaScript functioning as a showcase for projects and work.

Flight Reservation Website

- Worked with a team to design a database and implemented the search page for a travel website using JSP and MySQL, which queries the database for flights based on desired criteria from the user.
- Developed flight reservation functionality which allows users to buy tickets or be placed on a waitlist and notified when a seat becomes available for full flights.

Android Photo Albums App

- Collaborated with a peer to design and build an Android app with Java and Android Studio where users can create photo albums and add tags to uploaded pictures, as well as display photos in a gallery slideshow.
- Contributed essential features such as creating, deleting, and renaming albums, searching with auto-completion using photo tags, and serializing user data for persistence when closing and reopening the app.

SKILLS

- Languages: Java, Python, C, HTML/CSS, JavaScript, TypeScript, SQL
- Tools: React, Bootstrap, JavaFX, JSP, Android Studio, React Flow, Remirror, Matplotlib, Zustand, Docker, MySQL