Pranav Rao

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https://pranavsrao6.github.io/

Education

Rutgers University – New Brunswick	New Brunswick, New Jersey
B.S in Computer Science and Data Science	September 2021 – Ongoing (Expected May 2025)
GPA: 3.2	SAT: 1430 (M: 770; E: 660)

Dean's List: Fall 2023, Spring 2023

Coursework

Data Struct, Comp Architecture, Data Management, Regression Methods, Discrete Struct, Calc I&II, Linear Algebra, Numerical Analysis

Skills/Certifications

Python Certification

Certified Python programmer with abilities to solve programming problems using OOP and data structures — Certificate

Azure-900 Certification

Azure Fundamentals Certified

Programming Skills

Python, **Java, SQL, R, C, HTML, MATLAB.** Django, React, Tableau, Eclipse, PyCharm, VSCode. Microsoft Excel, PowerPoint, Word.

Projects

Matrix Arithmetic	C

- Program with functions that perform matrix arithmetic such as Transpose, Inverse, Multiplication, and Gauss-Jordan Elimination

Conway's Game of Life	Java

- Program that simulates British Mathematician John Conway's cellular automaton
- Using a weighted union-find data structure, simulated the evolution pattern of cells on a grid

Huffman Code	Java

- Function that encrypts and deciphers compressed data using the Huffman Code
- Using a binary tree, reads a .txt file and compresses the data

Portfolio Website	HTML/CSS

- Built a website a personal portfolio website for myself

Pong Game	Python

- Re-created the iconic table-tennis themed game 'Pong'
- Added a modern twist to the classic 8-bit style

Aim Trainer Game	Python

- Created an aim game that helps you train your aim skills

Experience

Nexus Internship	Online
Front-End Web Development Intern	Feb 2024 – March 2024

- Created a Sign-Up/Login Page for the website using HTML, CSS, and JavaScript
- Completed a Skill Test Certificate for Web Development
- Internship Completion, Skill Test Certificate

Cricketstoreonline.com	Old Bridge, New Jersey
Shipping Database Clerk and Shipping Handler	July 2022 – May 2023

- Created Python script to enable bulk load option of inventory orders into the database
- Manage a database for all incoming shipments and products
- Manage in-store and online orders for cricket products to multiple locations around the world

Extracurricular Activities

Minor League Cricket Player	Minor League Cricket, USA
New Jersey Somerset Cavaliers	May 2022 – Present
The Philadelphians	April 2021 – May 2022

- Playing professional cricket in the United States
- Travel to multiple cities throughout the United States for competitive matches in different venues (Charlotte NC, New York City NY, Philadelphia PA, Atlanta GA, Houston TX, Dallas TX, San Francisco CA, Los Angeles CA, Chicago IL, Fort Lauderdale FL)