

Pranav Rao

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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	
Coursework	
Data Structures, Computer Architecture, Data Management, Statistical Inferences, Discrete Structures I&II, Calculus I&II, Linear Algebra	
Skills	

Python Certification

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

Programming Skills

Python, Java, SQL, R, C, HTML, MATLAB. Django, 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	

Experience

<u>Cricketstoreonline.com</u>	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	
CricMax	Old Bridge, New Jersey
Coach and Youth Mentor	July 2021 – Present
- Coach and mentor youth cricketers for the U17 age group by providing training drills, fitness testing, and skill exercises	
- Travel to multiple youth tournaments across the country and coach teams to win championships	
- Mentor youth professionals to grow as leaders and manage their responsibilities	

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)	
Regional Cricket Player	
Mid-Atlantic Under 23	October 2023 - Present
Mid-Atlantic Under-19	October 2020 – June 2022
- Plays in u23 Mid-Atlantic team that comprises of NJ, NY, PA, DE, MD, VA, WV	
- Vice-Captained in u19 Mid-Atlantic that won the national championship in 2021	

Interests and Hobbies

Vintage Vinyl Collector	Classic Movies	Loves Football
- Collects vintage vinyl of classic rock albums	- Watches old and classic movies	- Go Patriots