

VARUN V. RAO

FRESHMAN AT THE UNIVERSITY OF MARYLAND, COLLEGE PARK

CONTACT



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603 Meehan Dr, Warrington, PA 18976

SKILLS

Expert in Python and Java & Well-Versed in HTML, SQL, R

Great communicator and efficient worker

Skilled in Office365 and G-Suite

Mastered Amazon Web Services and Google Cloud Platform

Certified Data Scientist on DataCamp

EDUCATION

Scholar's High School Diploma

Central Bucks High School South

Warrington, PA ~ Aug 2020 - Jun 2023

- Completed AP courses in Biology, Calculus AB, Calculus BC, Chemistry, Computer Science A, Computer Science Principles, English Language and Composition, Macroeconomics, Physics C: Electricity & Magnetism, Physics C: Mechanics, Psychology, Spanish Language and Culture, Statistics
- 4.7/4.0 Weighted High School GPA
- Ranked in the Top 1% of a class of 600 students
- Member of National Honor Society, Science National Honor Society, Spanish Honor Society, Computer Science Honor Society
- Elected Team Captain of High School Varsity Tennis Team
- Elected to Class Treasurer for Student Senate in 2019 and re-elected in subsequent years
- Summa cum laude graduate
- National Merit Scholarship Commendation
- Member of Science Olympiad team and Environmental Club, Certified Writing Center Tutor

Montgomery County Community College

Blue Bell, PA ~ Aug 2022 - May 2023

Completed coursework in Calculus III and Linear Algebra with a 4.0 GPA.

PROGRAMS

Wharton Global Youth Data Science Academy (Summer 2022)

Columbia Summer Immersion (Summer 2021)



PROFILE

Driven Data Scientist and Machine Learning intern ready to thrive in demanding digital intelligence processing environments. Well-informed on the latest machine learning advancements. Ready to combine tireless hunger for new skills with a desire to exploit cutting-edge data science technology.

WORK AND LEADERSHIP EXPERIENCE

Data Scientist Intern

Center4BI - Haddonfield, NJ

Dec 2021 - Jan 2023

- Created data visualization graphics, translating complex data sets into comprehensive visual representations.
- Performed data administration duties for databases.
- Helped develop database solutions using SQL.
- Developed and coded software programs, algorithms and automated processes to cleanse and evaluate large datasets from multiple disparate sources.
- Coordinated data from multiple different sources into one single data warehouse to explore insights into cost efficiency within the company.

Leadership Experience

CB South Coding Club - President

Jun 2022 - Aug 2023

- Organized numerous club meetings focused on exposing club members to the computer science industry and fostering further appreciation for the field
- Contacted guest speakers and organized meetings with the club to allow fellow students to see potential opportunities for them using computer science in the real world
- Registered multiple teams for nationwide high school coding competitions, including ACSL HackerRank and PClassic (organized by University of Pennsylvania)
- Planned and coordinated meetings and presentations while delegating tasks to other officers and communicating with the teacher advisor on meeting dates
- Previously held the position of Vice President and Club Officer

Glen Pi Geeks - Founder/President

Apr 2018 - Aug 2023

- Created a coding group dedicated to enhancing programming knowledge and learning Python
- Recruited classmates from my school to join and taught them all the skills I had learned in the year prior related to Raspberry Pi and Python
- Worked on projects related to Python, Data Science, and Machine Learning all with varying degrees of difficulty
- Led the team to a project with Marshall Financial Group where we analyzed the connection between 30-yr Fixed-Rate Mortgage Rates and the 10-yr Treasury Bond Interest Rates at the request of the company
- Led the team in work on numerous projects, including data analysis of COVID-19 cases and portfolio optimization of stocks on the S&P500
- Please use the GitHub and DataCamp links above to discover more of my programming work!