VARUN V. RAO

FRESHMAN AT THE UNIVERSITY OF MARYLAND - COLLEGE PARK

CONTACT

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LANGUAGES + SKILLS

Expert in Python, Java
Well-Versed in HTML, CSS, SQL, R

Familiar with sklearn, PyTorch, PyPortfolioOpt, MongoDB, React.JS

Used AWS, SageMaker, DynamoDB, Flask, API Gateway, Snowflake, HubSpot

Certified Data Scientist on DataCamp

EDUCATION

Scholar's High School Diploma

Central Bucks High School South

Warrington, PA ~ Aug 2020 - Jun 2023

- 4.7/4.0 Weighted High School GPA
- Ranked in the Top 1% of a class of 600 students
- Completed 13 AP courses in Calculus BC, Chemistry, Computer Science A, English Language, Macroeconomics, Physics C: E&M, Statistics, etc.
- Member of National Honor Society, Science National Honor Society, Spanish Honor Society, Computer Science Honor Society
- Varsity Tennis team captain
- Elected to Class Treasurer for Student Senate in 2019 and re-elected in subsequent years
- Summa cum laude graduate

Montgomery County Community College

Blue Bell, PA ~ Aug 2022 - May 2023
Completed coursework in Calculus III and Linear Algebra with a 4.0 GPA.

EVENTS/PROGRAMS

Wharton Global Youth Data Science Academy (Summer 2022)

Columbia Summer Immersion (Summer 2021)

UMBC Hackathon 2023 - Best Use of DynamoDB

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 software engineering 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
- Developed data warehousing solutions using Fivetran, Snowflake, and 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 to use CS in the real world
- Registered multiple teams for nationwide high school coding competitions, including ACSL HackerRank and PClassic
- Planned and coordinated meetings and presentations while delegating tasks to other officers and communicating with the teacher advisor on meeting dates

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