

Varun V. Rao

varunvellerorao@gmail.com • github.com/DurjaMan27 • linkedin.com/in/varunvellerorao • durjaman27.github.io

EDUCATION

University of Maryland (College Park, MD) (Aug 2023 - May 2027, expected)

B.S., Computer Science; GPA: 4.0/4.0

- Extracurriculars: BigThinkAI, Google Student Developer Club, Terrapin Rocket Club
- Coursework: Object-Oriented Programming II, Weather and Climate, Political Science Research

Central Bucks High School South (Warrington, PA) (Aug 2020 - Jun 2023)

Scholar's Diploma, summa cum laude; GPA: 4.7/4.0

- Extracurriculars: Class Treasurer, Coding Club President, Varsity Tennis Captain, Writing Tutor
- Relevant Coursework: AP Computer Science A, AP Physics C, AP Calculus AB/BC, etc.

INTERNSHIP/LEADERSHIP EXPERIENCE

Center4Bi/OPS Security, Data Scientist Intern Virtual (Dec 2021 - Jan 2023)

- Developed/programmed software programs, algorithms, and automated processes to cleanse and evaluate large datasets from multiple disparate sources for OPS Security Group as a contractor
- Coordinated data from multiple different sources into a single data warehouse to explore insights
- **Technologies/Frameworks Used:** Fivetran, Snowflake, SQL, HubSpot, Astrato.io, Python

CB South Coding Club, President Warrington, PA (Jun 2022 - Jun 2023)

- Organized numerous club meetings while coordinating with officers, exposing members to CS industry
- Registered club for national high school coding competitions (ACSL HackerRank and PClassic)

PROJECT EXPERIENCE

Glen Pi Geeks, durjaman27.github.io Warrington, PA (Jan 2017 - Jun 2023)

- Founded to educate peers on Python and Raspberry Pi, later adding multiple members
- Hardware projects → Photobooths w/ Amazon Facial Recognition, detecting weather data
- Software projects → COVID-19 case analysis, streaming service analysis, portfolio optimization
- **Technologies/Frameworks Used:** Python, RaspberryPi, Kaggle, AWS (Rekognition, SageMaker), Google Colab, sklearn, PyPortfolioOpt, yfinance, Pandas, NumPy

SERT, github.com/SertHack UMBC (Sep 2023)

- Developed a full-stack web app for a social media site with a team of 4, utilizing the MERN stack
- Worked heavily on front-end development, making use of HTML/CSS, React.js, and JavaScript

SKILLS

Technologies: AWS (Elastic Beanstalk, Lambda, LightSail), Atlassian, MongoDB, React, Django

Languages: (*Proficient*) Python, Java, HTML/CSS; (*Familiar*) R, JavaScript, SQL, C

OTHER AWARDS/EXPERIENCE/CERTIFICATIONS

CB South Best CS Student, 2022-2023

UMBC Hackathon (Best Use of MongoDB), Sep '23

Wharton Data Science Academy, Summer '22

Robotics For All Course Intern Volunteer,

(110 hours), Summer '21

DataCamp Certified Data Scientist, Aug '19

Harvard CS50W - Web Programming with

Python and JS Course, Oct '23