

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

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 → Photoboos 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

Sourcerer, sourcerer.info

College Park, MD (Jan 2024)

- Using Google Gemini to generate reliable sources/articles based on user-inputted research topic
- Implemented using a Django app hosted through AWS Lightsail and personal domain
- **Technologies/Frameworks Used:** Python, Django, HTML, CSS, FileZilla, Lightsail, SSH, Linux

SKILLS

Technologies: AWS (Elastic Beanstalk, Lambda, LightSail), Atlassian, Jira, 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

DataCamp Certified Data Scientist, Aug '19

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

Harvard CS50W - Web Programming with

Wharton Data Science Academy, Summer '22

Python and JS Course, Oct '23

Robotics For All Course Intern Volunteer,

(110 hours), Summer '21