Thomas Marshall

(804)-895-2258 | thomas.marshall4657@gmail.com | linkedin.com/in/-thomasm-/

EDUCATION

Virginia Commonwealth University Richmond, VA
B.S. Computer Science | Data Science Concentration | AI Minor *Aug. 2024 – May 2026*

Brightpoint Community College Midlothian, VA
A.S. Computer Science *Aug. 2022 – May 2024*

EXPERIENCE

IT Analyst Sep. 2023 – Present
Dye Network Consulting *Midlothian, VA*

- Managed an Active Directory domain supporting 100+ employees, performing live server vulnerability assessments to maintain data integrity and system security.
- Leveraged administrative credentials to deliver remote technical support for 10+ client companies across the U.S., ensuring timely issue resolution.
- Conducted data-driven analyses of client workstations using Excel to assess and enhance overall system performance and reliability.

Programming Project Leader Jan. 2025 – May 2025
Virginia Commonwealth University *Chester, VA*

- Led development of a fitness application featuring a Flask-based backend and AI integration to deliver personalized workout feedback.
- Collaborated with a team of five students to design and implement a modular, scalable fitness platform using Python, Flask, and GitHub for version control.
- Applied machine learning techniques and backend logic to analyze user input and dynamically tailor fitness recommendations for improved engagement.

Data Analyst Intern May 2020 – Nov. 2020
Top Auto Sales *Chester, Virginia*

- Conducted comprehensive analysis of car sales data, offering critical insights into customer transactions.
- Provided technical support for customer inquiries, demonstrating excellent problem-solving skills.
- Utilized company data to identify and resolve customer payment discrepancies.

PROJECTS

Earthquake Diagram | *Tableau, Excel* April 2024 – May 2024

- Utilized earthquake data from several sources in order to develop an accurate and dynamic Tableau project.
- Enhanced visibility and analysis of earthquake information by utilizing Tableau's various editing features.
- Created several graphs that outlined the importance of the data and displayed the relationship of each data point.

Dynamic Student Database | *Python, Flask, SQLite, Bootstrap, Pandas, Matplotlib* Nov. 2023 – Dec. 2023

- Developed a full-stack web application using Flask, serving a REST API and implementing Bootstrap for dynamic front-end development.
- Visualized the database with Matplotlib, showcasing effective data representation.
- Organized data using Pandas and SQLite, ensuring efficient data management.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask
Developer Tools: Git, VS Code, PyCharm, Excel, Tableau
Libraries: Pandas, NumPy, Matplotlib, Material UI