

# Thomas Marshall

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## EDUCATION

### Virginia Commonwealth University

*B.S. Computer Science | Data Science Concentration | AI Minor*

Richmond, VA

Aug. 2024 – May 2026

### Brightpoint Community College

*A.S. Computer Science*

Midlothian, VA

Aug. 2022 – May 2024

## EXPERIENCE

### Information Technology Support Intern

*Dye Network Consulting*

Sep. 2023 – Present

Midlothian, VA

- Prioritized and managed Excel data to support the organization of company clients.
- Provided technical support to over 8 different companies across the United States.
- Analyzed client computers using Excel to ensure optimal computer quality.

### Club of STEM

*Brightpoint Community College*

Sep. 2022 – May 2023

Midlothian, VA

- Took place in project development with fellow classmates in which we analyzed school data to provide statistics for academic growth.
- Engaged in transparent discussions with club members on how to organize statistical data with Excel.

### Data Analyst Intern

*Top Auto Sales*

May 2020 – Nov. 2020

Chester, VA

- 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

## CERTIFICATIONS

- Statistics With NumPy
- IBM: Python for Data Science, AI, & Development
- Data Science Infinity [In-Progress]

## RELEVANT COURSES

- Computing & Data Ethics (CMSC-235)
- Computer Systems (CMSC-257)
- Programming Languages (CMSC-304)
- Algorithm Analysis with Advanced Data Structures (CMSC-401)