

Sawan Chawla | U.S. Citizen | +1 484-477-9839

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EDUCATION

Virginia Tech
M.S., Information Technology

Blacksburg, VA
Graduating Dec 2025

Virginia Tech
B.S., Business Information Technology – Decision Support Systems (Full-time)
Minor, Data and Decisions Science

Blacksburg, VA
Graduated Aug 2024

Technical Skill

- Advanced in SQL, Power BI, proficient in Python, HTML, CSS, JavaScript, Python Flask, VBA, Visual Studio Code, Visual Studio, Pandas, GIT, Rest APIs, Bootstrap, Microsoft products
- Framework & Methodologies: Waterfall and Agile

EXPERIENCE

Arora Engineers

Chadds Ford, PA (Remote)

Data Analyst Intern

07/2023 – 03/2024

- Provided research document to support the analysis of business processes as well as the incorporation of AI and machine learning. This document provided the foundation for companywide adoption.
- Analyzed and cleaned data on ODBC platform to improve Enterprise Resource Planning (ERP) efficiency.
- Crafted 10+ dashboards in Power BI using data from Deltek Vision for HR to make recommendations on needs for data visualization and key metrics. These dashboards were key in HR's decision-making process to improve hiring and turnover rates.
- Developed 5+ high level instruction manuals to provide guidance to various departments using company platforms, which aided in future worker training.
- Compiled a research document with future and current client capital plans to supports the Marketing team's business development efforts which greatly aided the team in meetings with clients.
- Aided in creating key performance metrics to analyze human resources data, that would be used in Power BI dashboards, and company ERP software.

Blend360

Columbia, MD (Hybrid)

Data Engineer Intern

05/2023 – 08/2023

- Developed automated process to extract data from Azure Directory and Paycom and merged into a combined report as well as flag outliers, resulting in saving the company \$7,000 in Microsoft licensing and security per year.
- Automated Key Performance Indicators (KPI) metric calculations and updates of PowerPoint slide deck using VBA coding.

Thermo Fisher Scientific

Pittsburgh, PA (In-person)

Customer Experience Intern

06/2022 – 08/2022

- Managed global alert data analysis, identifying critical trends to improve response times and customer satisfaction.
- Collaborated with managers on evaluation of 5+ projects in terms of priority; activities involved examining project details and scoring them based off criteria of enhancing customer experience and addressing the needs of the customer.
- Developed updates of townhall presentations for various divisions across the company.
- Solicited nominations from leadership to properly recognize employees with great deal of contributions to the company.

Leadership

Society of Indian Americans (SIA)

Blacksburg, VA

Executive Board Member

08/2023 – 05/2024

- Planned 4+ major sporting events that increased organizational engagement.
- Met and coordinated venue bookings with team members to ensure thorough execution of these events, strengthening relationships and teamwork within the organization.

Astronomy Club of Virginia Tech

Blacksburg, VA

President

04/2021 – 07/2023

- Oversaw refurbishing of the astronomy club website to meet modern and professional standards.
- Represented the club at gobblefest in 2022 and with help of solid sales pitch as well as PR ideas, increased membership by over 200 new members.
- Worked with a team of officers to plan activities, reorganize club structure, and implement changes to make club active once again.