

WALI CHEEMA

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EDUCATION

Bachelor of Science in Computer Science - Data-Centric Computing, Virginia Tech Expected 2025
Ranked 1st in Data-Centric Computing Relevant Coursework: Intro to Software Engineering, Software Design and Data Structures, Introduction to Computer Organization I, DBMS SQL, App Development with Docker

SKILLS

Technical Skills Advanced: Java, Python, C/C++, SQL, MATLAB, Autodesk Inventor/CAD. Intermediate: HTML, CSS, Docker, Node.js, MongoDB

EXPERIENCE

Software Engineer Intern May 2022 - August 2022
Keybridge Solutions *Washington, DC*

- Collaborated with cross-functional teams, leveraging expertise in **Python**, **script testing**, and **C/C++** to recommend optimal software solutions for diverse clients.
- Contributed to software development methodologies and conducted rigorous testing to ensure adherence to quality standards.
- Provided comprehensive technical support for PC hardware, desktop OS, and applications, troubleshooting and resolving complex issues.

Coordinator August 2020 - Present
AH Global Group, LLC *Great Falls, VA*

- Designed and developed dynamic websites for multifamily apartment complexes using **Wix website builder and its Velo API**, skillfully incorporating **JavaScript** to enhance user experience and functionality.
- Responsible for entering and reconciling rent payments from commercial tenants using QuickBooks.
- Liaised with both tenants and contractors to ensure that requests were addressed in a timely and effective manner.

PROJECTS

Memes-R-Us. Developed a web-based platform for generating and sharing memes, utilizing **Docker** for containerization, **GitLab** for version control, **MongoDB** for data storage, **Node.js** for upload functionality, and **HTML/CSS** for the website design.

Social Media Visualization. Designed, developed, and tested a visualization of a Social Media user dataset, where the user is able to select from various time periods to view the data for the entire quarter, or view the data for each of the months individually. It simulates and visualizes the data and results using **interfaces**, **encapsulation**, Window and **File I/O**. (Java)

LEADERSHIP — EXTRA-CURRICULAR ACTIVITIES

- **Scholarship Chair** for the [Phi Gamma Delta](#), [Rho Alpha Chapter](#) with over 100+ active brothers. Actively involved in encouraging a learning priority and scholastic achievement among undergraduate brothers, and working closely with the chapter's faculty advisor to appoint scholarship recipients.
- **Technology Students Association - Langley High School.** Developed and facilitated team-based projects that competed at a regional level, mentored students in Autodesk Inventor, AutoCAD, Java, and organized fundraising events.