

HARITA AGARWAL

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Objective

Dedicated and ambitious Computer Science student pursuing software engineering and seeking a summer 2024 internship to apply my teamwork and leadership skills at your company. I possess excellent communication skills and a strong work ethic to commit to your company's goals and needs.

Education

Virginia Commonwealth University, Richmond, VA

Expected Graduation December 2024

Bachelor of Science in Computer Science with a concentration in Cybersecurity

GPA: 3.6

Dean's List: Fall 2023

J. Sargeant Reynolds Community College, Richmond, VA

Graduation May 2022

Associate of Science in Computer Science

GPA: 3.9 Summa Cum Laude

Dean's List: Fall 2020, Spring 2021, Fall 2021, and Spring 2022

CodeRVA Regional High School, Richmond, VA

Graduation June 2022

GPA: 3.8

Relevant Courses

Computer Organization | Computer Systems | Data Networking | Theory of Computation | Operating Systems | Algorithms with Data Structures | Database Theory | Software as a Service

Programming Languages

C | HTML | CSS | JavaScript | Python | SQL | Java

Technical Skills

Linux | Unix | Video Editing | Microsoft Suite | GitHub | Quarto | MySQL | VS Code | PyCharm | IntelliJ

Language Skills

English (Proficient) | Hindi (Proficient)

Certifications

Learning Linux command line (2022) | Introduction to Data Science by CISCO (May 2023) | Microsoft Azure AI-900 (September 2023) | Microsoft Learn AI skills challenge | Cybersecurity foundations (Feb 2024)

Engineering Experience

Executive Dashboard, Sponsored by Capital One, Senior Design

September 2023 – Present

- Working with a team of three members to create an Executive Dashboard, Line of Business and updating data for Accountable Executives using Single Sign-On.
- Established a weekly meeting schedule with a business mentor to ensure that project goals and sponsor expectations were met.
- Participated in weekly meetings with team members to evaluate improvements, tackle obstacles, and obtain direction on practical decisions.
- Improved dashboard functionality and usability by utilizing the mentor's experience to improve the project plan.

Web Development Intern, Christian's Pizza, Tuckahoe, VA

September 2021 – February 2022

- Worked with a team of five to redesign Christian's Pizza website, applying agile methodologies, design expertise, and analytical insights. Created a separate portfolio to store progress, documentation, notes, and requirements using HTML, CSS, and JavaScript.

VCU MegaHack Hackathon, Richmond, VA

January 2024

- Worked with a team of four to create a website called CodeScape to convert your pseudocode into actual code using modern-day AI.

Academic Projects

Ping Client-Server, Data Communications and Networking, VCU

January 2023 – May 2023

- Wrote a program in Python that sends a specific number of ping packet requests to the server. The server acknowledges each request by sending a response, while the client measures and logs the round-trip time (RTT) for received packets and summarizes the metrics.

Printing Server, Operating System, VCU

January 2023 – May 2023

- Built a print server program to work over TCP connection in C using threads and semaphores that handled producer-consumer problems.

X-fig, Fundamentals of Software Engineering, VCU

August 2022 – December 2022

- Leveraged AWS to establish an Ubuntu virtual machine, where I developed and tested a C program, enhancing my cloud computing and Linux programming skills.

Gym Management System, Database Theory, VCU

August 2023- December 2023

- Developed and implemented Gym Management System tailored specifically for fitness facilities, enhancing operational efficiency and member engagement.
- Utilized Visual Studio Code, Quarto, Mermaid Editor, Graphviz editor, Lucid chart, Zoom, and Kaltura in the creation of the system.
- Overcame challenges in milestone tracking and meeting scheduling through the creation of a comprehensive Gantt chart.

Independent Projects

Tic-Tac-Toe (C language)

- Created a game program in C that two players can play using a 3x3 grid where the objective is to align three consecutive marks ('X' or 'O') horizontally, vertically, or diagonally.

Mental Health Website (CSS, Python, HTML)

- This Flask web app focuses on mental health awareness, allowing users to read articles, submit comments, and contact.

Leadership, or Student Organizations, or Activities

- Member, Linux User Group, Richmond, VA
- Member, Society of Women Engineers, Richmond, VA

August 2023 – Present

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