

HAIRUM QURESHI

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EDUCATION

University of Delaware, Newark, DE	May 2026
Bachelor of Computer Science	GPA: 3.0
Concentration: Software Engineering	

ACADEMIC PROJECT:

University of Delaware - Computer Science Science Capstone Course, Senior Group Project	Newark, DE
<ul style="list-style-type: none">Leading a team of 5 to continue development of the Gemini AI Chatbot for the UD CIS Graduate Program, building on a previous cohort's project.Expanded the chatbot's knowledge base by curating and adding new Q&A pairs to the underlying JSON dataset, improving accuracy and coverage of graduate program queries.Collaborating with faculty stakeholders to test, refine, and deploy updates aligned with departmental communication needs.Integrated and configured the chatbot within the department's WordPress site by resolving setup issues, documenting implementation steps, and modifying HTML elements to ensure proper functionality.	

SKILLS:

Proficient in: MongoDB, Express.js, React.js, Node.js, TailwindCSS, TypeScript, GitHub, Vite, HTML, Visual Studio Code
Working knowledge of: Python, Redis, Firebase, Supabase, Next.js, Google Gemini

EXPERIENCE:

University of Delaware	August 2023 - May 2025
<i>Teacher Assistant</i>	
<ul style="list-style-type: none">Facilitated weekly lab sessions, guided programming assignments, helped with troubleshooting code issues, and hosted student-run office hours.Assessed and provided detailed feedback on weekly programming assignments, ensuring consistent and fair evaluation practices in alignment with the course rubric.Aided students with programming questions and clarified coursework confusion.Used various teaching methods to help students better understand a topic they struggled with.	
University of Delaware, Tech Deck	August 2023 - Present
<i>Tech Support</i>	
<ul style="list-style-type: none">Configured and troubleshooted Windows and macOS operating systems, printers, and peripherals to ensure optimal functionality for academic and personal use.Provided Level 1 technical support for institutional resources, including the campus learning management system (e.g., Canvas), email services, and course-related software.Maintain a high level of customer satisfaction by communicating technical concepts in clear, non-technical language to users with varying levels of technical proficiency.Troubleshoot and resolve connectivity issues involving the University of Delaware's campus network, VPN services, and wireless infrastructure.	

PROJECTS:

- Led a 5-person team to develop a unique job-searching quiz application for a Software Engineering course. Integrated React.js with the OpenAI ChatGPT API to generate personalized results, applying the full software development agile methodologies from requirements to deployment.
- Designed, developed, and maintained a responsive personal portfolio using Next.js and TailwindCSS to showcase key projects and technical skills.
- Contributed new features and enhancements to Sage, a widely-used departmental Discord bot utilized by 100+ students and faculty. Practiced professional development standards, including Git version control, modular design, and Agile workflows.