

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
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- 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
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Teacher Assistant

- 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
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Tech Support

- Configured and troubleshoot 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.