

EMMANUEL KURINAAH

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OBJECTIVE

Computer Engineering student with expertise in object-oriented programming and a proven track record in coding challenges. Ready to bring a collaborative mindset and analytical skills to drive business development and project success into your company.

EDUCATION

University of Hartford , West Hartford, CT	Anticipated Graduation: May 2025
Major: Bachelor of Science in Computer Engineering	Cumulative GPA: 3.81
Minor: Computer Science, Data Science, Mathematics	
Honors & Awards: Tau Beta Pi Honor Society, President's List; Spring 2024, Fall 2023, Spring 2023, Fall 2022, Spring 2022 & Winner of Freshman Engineering Design Competition Spring 2022	

WORK EXPERIENCE

Web App Developer , <i>University of Hartford</i>	July 2024-Present
<ul style="list-style-type: none">Designed a MongoDB database architecture to improve member data retrieval and updates, reducing response time by 24 seconds per query.Crafted an interactive front-end experience with React.js that led to a 15% increase in average session duration for users.Implemented continuous integration and deployment (CI/CD) practices using GitHub and Jenkins, streamlining the deployment process and ensuring efficient software development.	
Software Engineer Intern , <i>Webster Bank</i>	May 2024-August 2024
<ul style="list-style-type: none">Executed testing and deployment of Syndicate Loan Notice Phase 1, improving processing speed by 20% and saving 20 hours per week on loan Notice Processing.Increased approval from Business Users on Webster Banking Apps.Engineered a custom GPT model leveraging company data through Copilot Studio, enhancing document processing accuracy by 35% and streamlining the workflow for future AI applications.Ensured product security by safeguarding sensitive data during AI model training and automation processes.Prioritized 3+ Jira stories weekly, aligning with project timelines and participating in daily standups.	
IT Support Technician , <i>Field Nation</i>	February 2022-April 2024
<ul style="list-style-type: none">Implemented basic cybersecurity measures during over 40 brand-new router installations to protect client networks.Utilized configuration management databases (CMDB) to track and update system configurations during Refresh projects.	
Customer Service and Retail Experience	July 2021-August 2023
<ul style="list-style-type: none">Garden Associate, Lowe's Home Improvement: Enhanced customer experience and boosted garden section foot traffic by over 20% based on past season insights.Seasonal Warehouse Associate, Amazon: Facilitated compliance with safety protocols.Cashier, CVS Health: Assisted new hires with store operations.	

PROJECTS

Vehicle Guidance System	January 2023 – April 2023
<ul style="list-style-type: none">Programmed sensors in C++ on Arduino for an embedded system, achieving a 30% improvement in data retrieval speedRedesigned component prototypes in SolidWorks, meeting precise specifications for 3D printing.	
Arduino Smart Door	January 2022-April 2022
<ul style="list-style-type: none">Developed a Python script to analyze fingerprint data, enabling identification in under 2 seconds per scan.Implemented a pulley system with a servo as a pulley and a doorknob as the load to close and open the door.	

EXTRACURRICULARS

Vice President of Public Relations , <i>Toastmasters International</i> .	February 2024-Present
<ul style="list-style-type: none">Developed engaging content highlighting the benefits of membership, which resonated well within the communityRepresented the local club in district contests, earning recognition among 15+ teams for an outstanding presentation	
Ergonomics Team Member , <i>University of Hartford Racing Formula SAE</i>	March 2022-Present
<ul style="list-style-type: none">Designed brake rotor using AI-powered tools in SolidWorks 3D Creator and 3D Sculptor.	
President , <i>Men's Soccer Club</i>	April 2023-April 2024
<ul style="list-style-type: none">Met with the budgeting committee for the allocation of funds every semester.	

SKILLS & CERTIFICATIONS

Certified Lean Six Sigma Yellow Belt
Agile development, C++, CSS, Copilot Studio, ERP, GitHub, HTML, Java, JavaScript, MongoDB, MS PowerApps, Python, React.JS, Regex, SolidWorks