

Hanzalah Qamar

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EDUCATION

Worcester Polytechnic Institute <i>Bachelor of Science in Computer Science, GPA 3.77</i>	Worcester, MA Aug. 2022 – May 2025
Bridgewater State University <i>High School Dual Enrollment: GPA 4.0</i>	Bridgewater, MA September 2020- May 2022
Al-Noor Academy <i>High School Diploma, GPA 4.0, A.S., Islamic and Arabic Studies</i>	Mansfield, MA September 2018- June 2022
Relevant Coursework: Systems Programming, Object Oriented Programming, Discrete Math, Calculus I-IV.	

EXPERIENCE

Lab Assistant/Data Analyst <i>Alfa International</i>	June 2022 - August 2022 Woonsocket, RI
<ul style="list-style-type: none">Revamped informational sheets/recipes of chemicals and transferred them to digital formats using ExcelProduced and increased the efficiency of adhesives and paint chemical production	
Real Estate Drone Photographer <i>Mujeeb Construction Inc.</i>	July 2021 – August 2022 Lincoln, RI
<ul style="list-style-type: none">Conducted drone media shoots for real estate sales and land surveying in RI and MAOrganized, edited, and published media for 130+ houses and four subdivisions	

PROJECTS

MIT BWSI pi-Pact Independent Project <i>Python, Raspberry Pi</i>	June - August 2020
<ul style="list-style-type: none">Built a contact tracing system using Raspberry Pi's, Python, and BluetoothProduced detection algorithms with Python to detect COVID-19 close contactsCollected data from Bluetooth waves (RSSI Values) and studied particle physics	
Doc-Bot <i>OpenAI, Python, Git</i>	June 2023
<ul style="list-style-type: none">Developed PDF Reader Chat Application using Streamlit, LangChain, and OpenAI LLMEnabled text extraction from PDFs, text splitting, embeddings, and interactive chat-based querying	
Personal Portfolio <i>HTML/CSS, Git, JavaScript</i>	July 2023
<ul style="list-style-type: none">Designed and developed a visually appealing and responsive online resume website using HTML, CSS, and JavaScriptLeveraged SMTP.js library to send contact form submissions to a specified email address	

LEADERSHIP & ACTIVITIES

Secretary, MYRI (Muslim Youth of Rhode Island) <i>September 2021 - Present</i>	North Smithfield, RI
Member, MSA (Muslim Student Association), WPI <i>September 2022 - Present</i>	Worcester, MA
Stem Leader Award, Al-Noor Academy <i>January – June 2019</i>	Mansfield, MA

TECHNICAL SKILLS

Coding Languages: Java, C, C++, Racket, Python, HTML/CSS, JavaScript, Matlab
Frameworks: React, Node.js
Developer Tools: Git, Unity Hub, VS Code, PyCharm, IntelliJ, Eclipse, Adobe CC
Libraries: pandas
Languages: Hindi, Urdu: Basic level Arabic: Read, Write.
Interests: CrossFit, Media Production, Drone Photography.