**EDUCATION**

**Worcester Polytechnic Institute (WPI),** Worcester, MA

Bachelor of Science in Computer Science, GPA 3.77 May 2025

**Bridgewater State University** **(BSU),** Bridgewater, MA

High School Dual Enrollment: GPA 4.0 September 2020- May 2022

**Al-Noor Academy (ANA)**, Mansfield, MA

High School Diploma, GPA 4.0, A.S, Islamic and Arabic Studies June 2022

**Related Courses:**

Systems Programming, Object Oriented Programming, Discrete Math, Calculus I-IV.

**SKILLS**

**Technical**: Java, C#, C++, Racket, Python, Microsoft Excel, Word, Adobe Premiere Pro, VS Code, IntelliJ

**Language:** Hindi, Urdu: Basic level Arabic: Read, Write.

**Interests**: CrossFit, Media Production, Drone Photography.

**PROJECTS**

**WPI Humanities Seminar** Worcester, MA, WPI October – December 2022

* An Examination of the Different Communication Styles in Multicultural Teams

**MIT BWSI pi-Pact Independent Project,** Cambridge, MA June-August 2020

* Built a contact tracing system using Raspberry Pi's, Python, and Bluetooth.
* Produced detection algorithms with Python to detect COVID-19 close contacts.
* Collected data from Bluetooth waves (RSSI Values) and studied particle physics.

**Doc-Bot Independent Project,** <https://huggingface.co/spaces/hanzaq/Doc-Bot> June 2023

* Developed PDF Reader Chat Application using Streamlit, LangChain, and OpenAI LLM.
* Enabled text extraction from PDFs, text splitting, embeddings, and interactive chat-based querying.

**Personal Portfolio**, <https://hanzalahqamar.com/> July 2023

* Designed and developed a visually appealing and responsive online resume website using HTML, CSS, and JavaScript.
* Leveraged SMTP.js library to send contact form submissions to a specified email address.

**EXPERIENCE**

**Lab Assistant/Data Analyst,** Alfa International, Woonsocket, RI June 2022 - August 2022

* Revamped informational sheets/recipes of chemicals and transferred them to digital formats.
* Produced and increased the efficiency of adhesives and paint chemical production.

**Real Estate Drone Photographer,** Mujeeb Construction Inc.,Lincoln,RI July 2021 – August 2022

* Conducted drone media shoots for real estate sales and land surveying in RI and MA.
* Organized, edited, and published media for 130+ houses and four subdivisions.

**LEADERSHIP & ACTIVITIES**

**Secretary,** MYRI(Muslim Youth of Rhode Island), North Smithfield, Rhode Island September 2021 - Present

**Member,** MSA(Muslim Student Association), WPI September 2022 - Present

**Stem Leader Award,** Al-Noor Academy, Mansfield MA January – June 2019