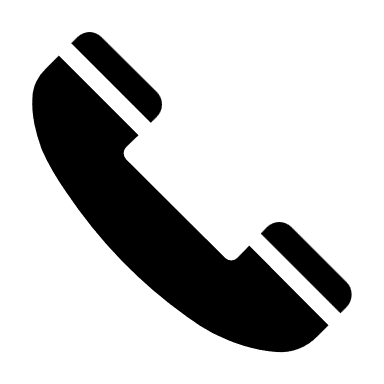
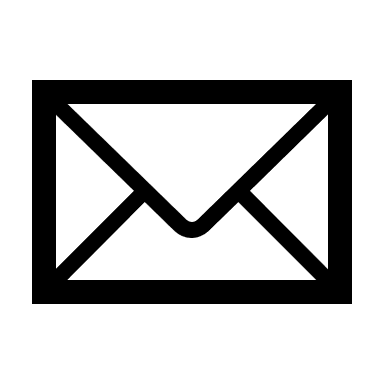
# Muhammad Memon

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[MMemon2003](https://github.com/MMemon2003) [muhammadmemo2000 - LeetCode Profile](https://leetcode.com/u/muhammadmemo2000/)

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| **PROFESSIONAL SUMMARY/CAREER PROFILE** |

* Committed third-year Computer Engineering undergraduate with a strong academic background.
* Developed skills in problem-solving, teamwork, and effective communication through diverse experiences.
* Proficient in tools Excel and Word, with hands-on experience in technology-focused projects.
* A passion for technology and innovation, with an interest in data analytics and software development
* Extremely interested in the Summer Internship with Dropbox.

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| **EDUCATION** |

**2022 – Present** Technological University Dublin (TUD) Dublin, Ireland

Bachelor of Computer Engineering

GPA 3.47, 1st Class Honours (Expected

**Subjects:** Computer Networks, Programming 1 & 2, Software Design Quality

**2015 – 2021** Coláiste Phadraig, Lucan Dublin

Leaving Certificate – 563 points

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| PROJECTS |

**Greenhouse Monitoring System (2nd Year Project)**

**GREENHOUSE SYSTEM |** Designed for monitoring environmental parameters to optimize plant growth

**SENSOR INTEGRATION |** DS1820 for temperature, DHT22 for humidity, and LDR for light intensity

**DATA DISPLAY |** LCD screen for real-time sensor data

**PCB & SCHEMATIC DESIGN |** Custom PCB for optimized component layout and circuit flow

**TESTING & VALIDATION |** Rigorous testing to ensure sensor accuracy and system performance

**Network Microcontroller System (3rd Year Mini Project)**

**IoT SYSTEM |** Developed a networked microcontroller with IoT capabilities for efficient data management and cloud integration

**FIRMWARE |** Tasmota for I2C, SPI, and serial communication

**CLOUD INTEGRATION |** Microsoft Azure for backend and state management

**HARDWARE |** Upgraded from ESP8266 to ESP32-S3 for enhanced Wi-Fi

**DATA MANAGEMENT |** Node-RED, Grafana, and InfluxDB for real-time monitoring and analysis

**GP Virtual Monitoring System (3rd Year Final Project)**

**GP Monitoring System |** Tracks body temperature, blood pressure, and heart rate using DS18B20 and SEN0203 sensors.

**Sensor Integration |** Configured DS18B20 and SEN0203 with Tasmota for MQTT communication.

**Cloud and Database** | Set up MQTT on Azure and integrated MySQL via XAMPP for secure data storage.

**Website Development |** Built a dynamic website using HTML, CSS, JavaScript, and PHP for real-time health data access.

**System Testing |** Ensured reliability and data connectivity with local XAMPP testing.

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| **WORK EXPERIENCE** |

**Amazon, Student Brand Ambassador – Dublin Ireland, Feb 2022 – May 2022**

* Promoted Amazon's services and products to the student community, increasing brand visibility and engagement.
* Organized and executed marketing campaigns tailored to student needs and interests.
* Built relationships with campus societies to foster partnerships and brand advocacy.

**Founder of Irish Language Society – Technological University Dublin – Dec 2022 - Present**

* Founded the Irish Language Society at TUD, signing up 50 students and 2 interpreters to promote language and cultural inclusivity.
* Acquired proficiency in Irish and UK Sign Language to ensure effective communication and inclusivity for all members.
* Organized events and workshops to engage students in learning the language and fostering a supportive environment for sign language users
* Built strong relationships with students, faculty, and external interpreters to ensure the society’s success and growth.

**Wow Burger, Supervisor - Lucan, July 2021 – July 2023**

* Managed a team of 15 staff members, ensuring smooth daily operations and high team morale.
* Organized and scheduled shifts to maximize efficiency and coverage
* Developed and implemented marketing strategies to increase customer engagement and sales.

**Currys Pc World, Sales Associate - Lucan, Nov 2023 - Jan 2023**

* Consistently met and exceeded individual and team sales targets, contributing to overall store success.
* Delivered exceptional customer service, addressing queries and resolving issues promptly. Created a welcoming shopping experience that encouraged repeat customer visits.

**Dominoes, Team Member – Lucan, Oct 2024 - Present**

* Assisted in IT-related tasks whenever needed, demonstrating adaptability and collaboration with the management team.
* Provided exceptional customer service by addressing collection and delivery issues, ensuring customer satisfaction.
* Help in various roles, from pizza preparation to taking orders and ensuring accuracy, showcasing a strong work ethic.

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| **SKILLS** |

**PROGRAMMING |** HTML, and CSS; familiar with C/C++, Java, Python, SQL, MongoDB **SOFTWARE |** Proficient in Excel, Word

**COMMUNICATION|** Multilingual in Irish, Urdu, Arabic, and Sign Language

**LEADERSHIP & VOLUNTEERING|** Treasurer and Events Officer for Charity Week

**PROFESSIONAL |** Problem Solving (Sales)

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| **INTERESTS** |

**Software Development & Tech |** Designing scalable software leveraging advanced cloud computing.  **Teamwork and Growth |** Enthusiasm for collaborating with others and learning new skills.  **Extracurricular Activities |** Playing football, badminton and Card games  **Problem Solving|** Enjoy tackling challenges and finding efficient, innovative solutions.

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| **ACHIVEMENTTS** |

**Leadership & Volunteering |** Nominated Best Student for Leadership in 1st Year Computer

Engineering Project – April 2021

Student Ambassador of Charity Week/Islamic Society - Nov 2021 Class Representative Sep 2021 – Sep 2022

Student Brand Ambassador (Deliveroo) - Aug 2024

Events Officer for Islamic Society - Present

**Professional |** Member of Engineers Ireland – Present

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| **REFEREES** |

Academic Employer

Mark Deegan Amin Memon

Technological University Dublin Memon Transport Limited

Head of Engineering Director of the Company

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