

MUHAMMAD MEMON

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EDUCATION

Technological University Dublin

- BSc (Hons) Computer Engineering
- Current GPA 3.47, **First Class Honours (Expected)**
- Recipient of TUD Scholars Award
- **Treasurer/Events Officer** for the Islamic society
- **Badminton Captain** for society

Dublin, Ireland
Sep 2022- May 2026

Coláiste Phádraig

Secondary School

- Achieved **563 points, 4H1 Grades**
- Ranked **79th percentile in Junior Certificate 2018(4As)**

Dublin, Ireland
Sep 2016- May 2021

WORK EXPERIENCE

Memon Transport Limited

Summer Analyst

- Helped and sourced statements needed for **in-depth Financial Company Analysis**,
- Developed knowledge in the areas of **Tax and Banking**
- Attended business strategy meetings with the CEO

Dublin, Ireland
Jun 2020- July 2021

Wowburger Dublin,

Supervisor

- Handling a team of 15 staff members
- Make the weekly Rota and handle daily Discount & Refund Logs
- Working on **Advertising & Marketing** strategies

Dublin, Ireland
July 2022- Jan 2023

Woodies Dublin, Ireland Sales Assistant

- Helping customers and reaching weekly targets for sales
- Meet the weekly targets and handle sales, customers needs

Dublin, Ireland
Feb 2023- July 2023

Leadership

Technological University Dublin

Founder of Irish Language Society

- Established and grew membership to 50+, securing interpreters for inclusivity
- Promoted Irish culture and inclusivity through Irish and UK Sign Language.

Dublin, Ireland
Dec 2024 - Present

Projects

Greenhouse Monitoring System (2nd Year):

Designed a real-time system to track temperature, humidity, and light (DS1820, DHT22, LDR) with LCD and PCB layout optimization. Tested for sensor accuracy and system performance.

Networked Microcontroller IoT System (3rd Year Mini Project):

Built an ESP8266-based microcontroller with Tasmota firmware for I²C/SPI communication. Integrated with Microsoft Azure, Node-RED, Grafana, and InfluxDB for cloud data management and real-time monitoring.

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

Developed a health monitoring platform tracking temperature, blood pressure, and heart rate. Used DS18B20 and SEN0203 sensors with MQTT/Azure integration and MySQL (XAMPP) for secure storage. Designed a dynamic website (HTML, CSS, JavaScript, PHP) for real-time health data access.

ADDITIONAL INFORMATION

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|-----------------------|---|
| Skills: | Leadership(Captain), Problem Solving(Sales), Proficient in Arabic & Sign language |
| Computer: | Proficient in Excel, Powerpoint, Vivado & IOT Systems, Intermediate Python, C, C++ , Java |
| Certification: | Gaisce President's & Programming Awards , Engineering Project in 2nd Year and PSA Security License |
| Volunteering: | Treasurer for Charity Week , Ambassador Roles in Amazon, TUD, & Deliveroo |
| Interests: | Golf, Badminton, Cycling, Hanging out with mates, Social & team activities |