

Iman Hussain

Entitled to work in Netherlands

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Lecturer specialising in data science and programming with over 6 years' experience in developing future talent using innovative teaching methods. Experienced in developing courses in partnership with industry leaders. Expertise in leading academic teams, securing research funding and grant writing as well as mentoring.

Skills

Teaching: Module design and development, student mentoring and supervision, problem-based learning (PBL), assessment and feedback frameworks, virtual learning environments (VLEs).

Academic Leadership: Industry partnership management, staff training and development.

Technical Expertise: Python (NumPy, SciKit-Learn, Pandas), AI/ML (TensorFlow, PyTorch), AWS, Docker, Linux.

Work Experience

Cranfield University – Industry Consultant and Lecturer (2023 - 2025)

- Partnered with BAE Systems, Santander and HM Government to lead the redesign of Computer Science course impacting over 200 students.
- Managed & trained a team of 20 lecturers and teaching assistants in mentoring and feedback techniques, improving marking consistency and student experience.
- Designed & delivered over 50 technical workshops and lectures on data analytics, programming and networking.

Centre for Global Eco-Innovation – Researcher (2021 - 2023)

- Led a 3-year research study and consulting project to improve air quality in UK schools, managing relationships with over 20 different stakeholders and clients across 13 different organisations.
- Translated complex predictive modelling outputs into strategic reports that directly informed new heating and ventilation policies across the region – lowering energy usage by up to 17%.
- Conducted in-depth requirements gathering sessions which led to increased quality of data and project success.

SustainableICT – Conference Chair (2021 - Present)

- Chaired the international Sustainable ICT doctoral summer school, managing a committee of over 20 organisers and a cohort of over 100 attendees from academia, industry and politics.
- Collaborated with and secured speakers from diverse sectors, including members of EU Parliament and business executives.
- Led operations daily operations including task management and delegation to ensure success.

Education

Lancaster University - PhD Candidate, Computer Science (January 2021)

University of Wolverhampton - MSc Computer Science Distinction Star (September 2019 – July 2020)

University of Wolverhampton - BSc Computer Science First Class with Honours (September 2016 – July 2019)

Achievements & Engagement

IBM Call for Code 2020: World 2nd Place Finalist, Team LUPE

CapGemini TechChallenge 2021: Top 3 Finalist, Team Visionaries

Public Speaking: Invited speaker at major forums including TEDx, COP26, and the ACM SIGCHI '23 conference.

Publications: Lead author on peer-reviewed papers, including "The Indoor Air Quality Trilemma" (CHI EA '23) and "Ensuring Food Supply & Security" (IGI Global).