

# Waleed Iqbal

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**SHORT BIO** I have experience of cutting-edge research and teaching in prestigious institutes including Queen Mary University of London (QMUL), UK, Northeastern University London, UK, Arden University, UK, and Information Technology University (ITU), Pakistan. I have also authored (and co-authored) more than 13 research papers in leading peer-reviewed international journals and conference proceedings. Out of those, six papers are 4\* REF papers and seven papers are 3\* REF papers. I regularly publish in top-tier research venues such as AAAI ICWSM and ACM IMC. As Teaching Fellow at QMUL, I lectured one UG Degree Apprenticeship course: IOT524U (56 students), and co-lectured two UG courses: ECS524U (425 students) and ECS417U (322 students) at QMUL. I regularly employ student-centric and active learning approaches during my lectures. For my research and teaching accomplishments, I have been granted UK's Global Talent Visa (Exceptional Promise) in Research and Academic Category.

**EXPERIENCE**

**Assistant Professor in Data Science**, Northeastern University London, UK **July 2025–Present**

- Module Lead of Level 6 and 7 courses (PG).
- Dissertation supervisor for MSc Data Science and Analytics.
- Member, Central Research Ethics Approval Board.
- Central Person of Contact, Amazon Web Services Academy - Northeastern University London.

**Lecturer in Data Science**, Northeastern University London, UK **January 2025–June 2025**

- Module Leader of Advanced Data Engineering (PG).
- Dissertation supervisor for MSc Data Science and Analytics .

**Teaching Fellow**, Queen Mary University of London, UK **September 2022–Present**

- Module lecturer for IOT524U (UG Degree Apprenticeship) and ECS524U (co-lecturer, UG) Internet Protocols and Applications.
- Module co-lecturer for ECS417U Fundamentals of Web Technologies.
- MSc Final Dissertation Supervision in School of EECS
- Undergraduate Final Year Project Supervisions in School of EECS

**Associate Lecturer**, Arden University, UK **May 2024–Present**

- Module Instructor of Level 4, 5, 6, and 7 courses

**Consultant, Machine Learning**, Ibtidah Solutions Ltd., Lahore, Pakistan **March 2020–Present**

- Consultancy for Machine Learning team building.
- Advising Machine Learning team on data analytics and model design.
- Strategic recommendations for client's system design.

**Lab Demonstrator**, Queen Mary University of London, UK **September 2020–September 2022**

- Courses Assisted: ECS607U/ECS766P Data Mining (UG, PG), ECS417U Fundamentals of Web Technologies (UG), ECS781A/P Cloud Computing (PG), ECS780P Computer Programming (UG), ECS637U/ECS757P Digital Media and Social Networks (UG, PG).

**Research Associate**, IT University Lahore, Pakistan **November 2015–December 2019**

Projects:

- Scientometric Analysis of Computer Networking Research.
- Evaluation Study of link quality in 802.15.4 Zigbee Protocol.
- Performance evaluation of Educational Volunteers in Government School.

**Teaching Assistant**, IT University Lahore, Pakistan **November 2015–December 2019**

- Courses Assisted: Computer Networking (UG), Operating Systems (UG), Data Structures (UG), Object Oriented Programming (UG), Advanced Operating Systems (PG), Advanced Topics in Artificial Intelligence (PG).

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| EDUCATION                         | <p><b>Post Graduate Certificate in Academic Practice</b>, Queen Mary University of London, UK <b>2025–2026</b></p> <ul style="list-style-type: none"> <li>• Funded By: Queen Mary Academy</li> </ul> <p><b>Ph.D. Computer Science</b>, Queen Mary University of London, UK <b>2020– 2025</b></p> <ul style="list-style-type: none"> <li>• Thesis: Exploring online manifestation of real-world realities.</li> <li>• Funded By: Queen Mary Postgraduate Research Studentships</li> </ul> <p><b>M.S. Computer Science</b>, IT University Lahore, Pakistan <b>2015–2018</b></p> <ul style="list-style-type: none"> <li>• Thesis: Analysis of Computer Networking Research: A Bibliometric Study.</li> <li>• Funded By: Information Technology University Graduate Student Fellowship.</li> </ul> <p><b>B.Sc. Electrical Engineering</b>, University of the Punjab, Pakistan. <b>2009–2013</b></p> <ul style="list-style-type: none"> <li>• Dissertation: Analysis of VoIP Structure and Standards: Deployment of an Open Source VoIP Network for an Organization with Enhanced Services.</li> </ul>  |
| SELECTED PUBLICATIONS             | <p>[1] <b>Iqbal, Waleed</b>, Wahid Ghafouri, Gareth Tyson, Guillermo Suarez-Tangil, and Ignacio Castro. "Lady and the Tramp Nextdoor: Online Manifestations of Real-World Inequalities in the Nextdoor Social Network." <i>In Proceedings of the International AAAI Conference on Web and Social Media (ICWSM) 2023</i>.</p> <p>[2] <b>Iqbal, Waleed</b>, Muhammad Haseeb Arshad, Gareth Tyson, and Ignacio Castro. "Exploring crowd-sourced content moderation through lens of Reddit during COVID-19." <i>In Proceedings of the 17th Asian internet engineering conference (AINTEC) 2022</i>.</p> <p>[3] Javed, R. Tallal, Muhammad Usama, <b>Waleed Iqbal</b>, Junaid Qadir, Gareth Tyson, Ignacio Castro, and Kiran Garimella. "A deep dive into COVID-19-related messages on WhatsApp in Pakistan." <i>Social Network Analysis and Mining 2022</i>.</p> <p>[4] McQuistin, Stephen, Mladen Karan, Prashant Khare, Colin Perkins, Gareth Tyson, Matthew Purver, Patrick Healey, <b>Waleed Iqbal</b>, Junaid Qadir, and Ignacio Castro. "Characterising the IETF through the lens of RFC deployment." <i>In Proceedings of the 21st ACM Internet Measurement Conference</i>, pp. 137-149. 2021. doi: 10.1145/3487552.3487821</p> <p>[5] Latif, Siddique, Muhammad Usman, Sanaullah Manzoor, <b>Waleed Iqbal</b>, Junaid Qadir, Gareth Tyson, Ignacio Castro, Adeel Razi, Maged N. Kamel Boulos, Adrian Weller, and Jon Crowcroft. "Leveraging data science to combat COVID-19: A comprehensive review." <i>IEEE Transactions on Artificial Intelligence 2020</i>.</p> <p>[6] <b>Iqbal, Waleed</b>, Junaid Qadir, Gareth Tyson, Adnan Noor Mian, Saeed-ul Hassan, and Jon Crowcroft. "A bibliometric analysis of publications in computer networking research." <i>Scientometrics 2019</i>.</p> |
| FUNDINGS AND GRANTS               | <p><b>Co-Principal Investigator, Neighbourhood Signals: Online Discussions and Crime</b>, National Research Centre on Privacy, Harm Reduction and Adversarial Influence Online (REPHRAIN) - UKRI (£24,000) <b>Dec 2025 - March 2026</b></p> <p><b>Travel Grant</b>, Oxford LLM Workshop, Department of Sociology, University of Oxford <b>2023</b></p> <p><b>Travel Grant</b>, ACM Internet Measurement Conference, Nice, France <b>2022</b></p>   |
| AWARDS                            | <p><b>Global Talent Visa (Exceptional Talent in Research and Academic Category)</b>, United Kingdom <b>2023</b></p> <p><b>Queen Mary Principal PhD Studentship</b>, Queen Mary University of London, UK <b>2020</b></p> <p><b>Dean's Roll of Honor for MS Computer Science</b>, IT University Lahore, Pakistan <b>2018</b></p> <p><b>Graduate Student Fellowship</b>, IT University Lahore, Pakistan <b>2015</b></p> <p><b>Dean's Roll of Honor for BSc Electrical Engineering</b>, University of The Punjab, Pakistan <b>2014</b></p>   |
| PROFESSIONAL TRAINING AND COURSES | <p><b>Natural Language Processing with Classification and Vector Spaces</b>, Coursera <b>Mar 2023</b></p> <p><b>Version Control</b>, Coursera <b>Aug 2023</b></p>  |

**Neural Network and Deep Learning**, Coursera

**Sep 2017**

TECHNICAL  
SKILLS

**Programming** Python, C++, C Language, and Javascript.

**Technical Tools** Jupyter Notebook, Tableau, Telerik Fiddler, Gephi, SPSS, Git, and Postman API Platform.

ACADEMIC  
SERVICES

**Reviewer** IEEE Global Engineering Education Conference (EDUCON)

**2026, 2025**

**Organizing Committee Member** IEEE Global Engineering Education Conference (EDUCON)

**2025**

**Reviewer** ACM The Web Conference (WWW)

**2025**

**Reviewer** AAAI Conference on Web and Social Media (ICWSM)

**2025, 2023**

**Shadow TPC Member** ACM Internet Measurement Conference (IMC)

**2022**

**Reviewer** Springer Scientometrics

**2019**

**Reviewer** ACM SIGCOMM Computer Communication Review (CCR)

**2019**

REFERENCES

References will be provided upon request.