

ASMAD BIN ABDUL RAZZAQUE

A Ph.D. student with a belief that research is an integral element in acquiring data and formulation of theories. However, its importance is further complemented by knowing the art of application of those theories in the real world. Following this, I am acquiring the knowledge to develop a strong toolset in order to help the research community in information and telecommunication technologies.

EDUCATION

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| PhD | Sapienza University of Rome, Italy
Information and Telecommunication Technologies (ICT)
Advisor: Andrea Baiocchi | Nov 2022-present |
| MS | National University of Science and Technology (NUST), Pakistan
Electrical Engineering (Signal Processing & Communication)
Thesis: "Enhanced Random Access Protocols for Massive IoT based On Advanced Physical Processing"
Advisor: Hassaan Khaliq Qureshi, Andrea Baiocchi | 2020-2022 |
| BS | University of Engineering and Technology Taxila (UET), Pakistan
Electrical Engineering (Minored in Communication) | 2015-2019 |

PROJECTS

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| Data Science Administrative Assistant | 2022-2023 |
| I assisted the Masters of Data Science team at Sapienza University of Rome in the creation of an adaptive algorithm which assesses the student qualifications and shortlists them based on the criteria set by the team. | |

HONORS AND AWARDS

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| Erasmus Exchange Student
At Sapienza University of Rome. | 2021-2022 |
| Best Student Award
Due to excellence of work done during my master thesis and overall-evaluation (3.75/4.00) I was awarded the best student award at NUST. | 2022 |

PUBLICATIONS

Conference Papers (Best Paper Award)

- B. Abdul Razzaque, H. K. Qureshi and A. Baiocchi, "Low vs high spectral efficiency communications with SIC and random access," 2022 IEEE 11th IFIP International Conference on Performance Evaluation and Modeling in Wireless and Wired Networks (PEMWN), Rome, Italy, 2022, pp. 1-6, doi: 10.23919/PEMWN56085.2022.9963845.

CERTIFICATION

- Introduction to programming with MATLAB by Vanderbilt University, U.S on Coursera. Certificate earned at Monday, June 17, 2017
 - Python programming: A Concise Introduction by Wesleyan University, USA on Coursera. Certificate earned at Friday, November 17, 2018
 - Supervised Machine Learning: Regression and Classification by DeepLearning.AI, Stanford University, USA on Coursera. Certificate earned at Saturday, May 6, 2023
 - Machine Learning: Advanced Learning Algorithms by DeepLearning.AI, Stanford University, USA on Coursera. Certificate earned at Sunday, May 21, 2023
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