

PERSONAL INFORMATION

Mohammad Rifat Ahmmad Rashid



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Date of birth 01/08/1987 | **Nationality** Bangladeshi

WORK EXPERIENCE

- | | |
|-----------------------|--|
| Sep 2018 - Present | <p>Researcher
LINKS Foundation – Leading Innovation & Knowledge</p> <ul style="list-style-type: none">▪ Working as Researcher in the EU H2020 projects:<ul style="list-style-type: none">• MONSOON: Model-based control framework for Site-wide optimization of data-intensive processes)• BRAIN-IoT: Model-based framework for dependable sensing and actuation in intelligent decentralized IoT systems |
| Nov. 2014 – Aug. 2018 | <p>Graduate Researcher
Politecnico di Torino</p> <ul style="list-style-type: none">▪ Worked as researcher in the area of energy efficient computing, data quality analysis and knowledge graph profiling. |
| Jul. 2011 – Sep. 2012 | <p>Lecturer
Bangladesh University of Business and Technology (BUBT)</p> <ul style="list-style-type: none">▪ Lecturer in the Department of Computer Science and Engineering▪ Worked on various project related to data analysis and data mining. |
| Dec. 2009 – Apr 2011 | <p>Database Administrator
Silicon InfoTech</p> <ul style="list-style-type: none">▪ Worked as Oracle Database Administrator. |

RESEARCH EXPERIENCES & COLLABORATIONS

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| 2018 -- Present | <p>EU H2020 Project:</p> <ul style="list-style-type: none">- MONSOON: Model-based control framework for Site-wide optimization of data-intensive processes.- BRAIN-IoT: Model-based framework for dependable sensing and actuation in intelligent decentralized IoT systems <p>LINKS Foundation – Leading Innovation & Knowledge
Position: Researcher</p> |
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- 2016 – 2018 Project: A Quality Assessment and Validation Approach for Evolving Knowledge Bases
Instituto Superiore Mario Boella (ISMB) ,Ontology Engineering Group Universidad Politecnica de Madrid (UPM) and Politecnico di Torino Italy
Position: Graduate Researcher
- 2017 Project: Knowledge Base Quality Assessment using Temporal Analysis
Ontology Engineering Group, Universidad Politecnica de Madrid (UPM)
Position: Visiting PhD Student
Advisor: Prof. Oscar Corcho
- 2014 - 2016 Project: Energy Efficient Computing
JOL MobiLAB (Mobile Social Application Lab) Telecom Italia
Position: Researcher
Advisor: Marco Marengo
- 2013 – 2014 Project: Integrated Real-time Mobility Assistant (IRMA)
University of Pavia
Position: Research Assistant
Advisor: Prof. Gianmario Motta

EDUCATION AND TRAINING

- 2014 - 2018 Ph.D. in Computer and Control Engineering
Department of Control and Computer Eng. (DAUIN), Polytechnic University of Turin
▪ Thesis Title: "Automated Knowledge Base Quality Assessment and Validation Based on Evolution Analysis."
- 2012 - 2014 Master of Science in Computer Engineering
University of Pavia, Italy
Marks (out of 110): 102
▪ Thesis Title: "A Platform for City Data Integration and Alert Manager with Social Media Data (Point of Interest)."
- 2005 – 2009 Bachelor of Science in Computer Science and Engineering
Marks (out of 4): 3.76
Khulna University, Bangladesh

LANGUAGE SKILLS

Mother tongue(s) Bengali

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English C2	C2	C2	C2	C2
Italian A2	A2	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

TECHNICAL SKILLS

R and Python for scientific programming (Data Analysis, Machine Learning, Deep Learning, etc.).
Platform: Spyder, LabView
Python Libraries: NumPy, SciPy, Pandas, Matplotlib, Sckit-Learn, Keares, TensorFlow
Programming languages: C/C++ and Java.
Other programming languages: PHP, Android Development.
▪ Familiar with: C#, JavaScript and OpenCV

- Certifications
- Coursera Course Certificates
 - Neural Networks and Deep Neural Networks
 - Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
 - Oracle Certified Database Administrator Oracle 10g
 - Test ID: OC0890586

PUBLICATIONS

- Oct 2018 **Mohammad Rashid**, Giuseppe Rizzo, Marco Torchiano, Nandana Mihindukulasooriya, and Oscar Corcho, García-Castro, Raul, "Completeness and consistency analysis for evolving knowledge bases", Journal of Web Semantics (Journal Impact Factor: 1.348)
- Apr 2018 **Mohammad Rashid**, Giuseppe Rizzo, Marco Torchiano, Nandana Mihindukulasooriya, and Oscar Corcho, "A Quality Assessment Approach for Evolving Knowledge Bases." Special issue on Benchmarking Linked Data, Semantic Web Journal (Journal Impact Factor: 2.224).
- June 2018 **Mohammad Rashid**, Giuseppe Rizzo, Marco Torchiano, Nandana Mihindukulasooriya, and Oscar Corcho, "Knowledge Base Evolution Analysis: A Case Study in the Tourism Domain", ICWE 2018 International Workshops, TourismKG, Cáceres, Spain, Revised Selected Papers.
- Apr 2018 Nandana Mihindukulasooriya, **Mohammad Rashid**, Giuseppe Rizzo, Raúl García-Castro, Oscar Corcho, and Marco Torchiano, "RDF Shape Induction using Knowledge Base Profiling." The 33rd ACM/SIGAPP Symposium On Applied Computing
- Dec 2017 **Mohammad Rashid**, Giuseppe Rizzo, Nandana Mihindukulasooriya, Marco Torchiano, and Oscar Corcho, "KBQ - A Tool for Knowledge Base Quality Assessment Using Temporal Analysis". Workshop on Machine Reading Co-located with K-CAP 2017
- Oct 2016 **Rashid, Mohammad**; Torchiano, Marco, "A systematic literature review of open data quality in practice." 2nd Open Data Research Symposium, Madrid (Spain)
- Oct 2015 **Rashid, Mohammad**; Ardito, Luca; Torchiano, Marco, "Energy Consumption Analysis of Algorithms Implementations. " 9th International Symposium on Empirical Software Engineering and Measurement (ESEM), China
- May 2015 **Rashid, Mohammad**; Ardito, Luca; Torchiano, Marco, "Energy Consumption Analysis of Image Encoding and Decoding Algorithms." 4th International Workshop on Green and Sustainable Software (GREENS).

HONORS & AWARDS

- Winning the scholarship of Polytechnic University of Turin for PhD in Computer and Control Engineering
- Winning the scholarship of fund for cooperation and knowledge of University of Pavia
- University Merit Scholarship (yearly result based, Position 1st) for pursuing my Bachelor degree

REFERENCES

Available upon request