Academic Resume

Lama Al Khuzayem

Assistant Professor, Computer Science Department

Contact Information.

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Highest Degree.

2017, Doctor of Philosophy, Knowledge Integration, Imperial College London, UK.

Academic and Professional Experiences.

1. **2023 - Present**
   Head of the Focus Group for Undergraduate Students Committee, CS Department, King Abdulaziz University.
2. **2023 - Present**
   Director of CS Undergraduate Program, CS Department, King Abdulaziz University.
3. **2023 - Present**
   Head of the ABET Accreditation Committee, CS Department, King Abdulaziz University.
4. **2023 - Present**
   Deputy General Manager of the Scholarship Administration, Scholarship Administration, King Abdulaziz University.
5. **2018 - Present**
   Assistant Professor, Jeddah, Computer Science Department, Faculty of Computing and Information Technology, King Abdulaziz University.
6. **2008 - 2018**
   Teaching Assistant, Jeddah, Computer Science Department, Faculty of Computing and Information Technology, King Abdulaziz University.
7. **2005 - 2008**
   Instructional Designer, Jeddah, Deanship of e-Learning and Distance Education, King Abdulaziz University.
8. **2004 - 2005**
   Educational Technologist, IT Department, Effat University.
9. **2003 - 2003**
   Summer Trainee, Dhahran, Saudi ARAMCO.

Research Interests.

Data Integration, Semantic Web, Artificial Intelligence, Databases, Machine Learning, Deep Learning, Ontologies, Internet of Things, Computer Vision, Natural Language Processing, Knowledge Representation and Reasoning.

Teaching Interests.

Internet Technologies, Compilers, Artificial Intelligence, Databases, Java Programming, Python Programming.

Certifications and Trainings.

1. Taking Software and Digital Ideas to Market course, University of Oxford, Oxford, UK.
2. Organiser of the 8th Saudi Students Conference in the UK and Head of the Technical Support Committee, London, UK.
3. Speaker at the 6th Annual Learning and Technology Symposium Cyber Citizenship: Vistas and Visions, King Abdulaziz University, Jeddah, KSA.
4. Speaker at the Educational Technology Tools for Creating Online Lectures workshop, Deanship of e-Learning and Distance Education, King Abdulaziz University, Jeddah, KSA.
5. Activity-Based Learning workshop, Deanship of e-Learning and Distance Education, King Abdulaziz University, Jeddah, KSA.
6. Organiser of the Career Day Women Between Modernity and Tradition, Effat University, Jeddah, KSA.
7. Organiser of the Annual Learning and Technology Symposium, Effat University, Jeddah, KSA.
8. Success Strategy and Achievement of Goals course, The Educational Creativity Group, Jeddah, KSA.
9. Organiser of the Inaugural Ceremony of the Scientific Society for Saudi Students in the UK, London, UK.
10. Faculty of Engineering Graduate Teaching Assistant Training Programme, Imperial College London, London, UK.
11. Diploma in the Art and Science of Neuro-Linguistic Programming, The International NLP Trainer Association, Jeddah, KSA.
12. Artificial Intelligence for Cyber Security course, University of Oxford, Online.
13. University Teacher Skills Program, Center for Teaching and Learning Development, King Abdulaziz University, KSA.
14. No Dull Moment in the Classroom - Interactive Tools, Center for Teaching and Learning Development, King Abdulaziz University, KSA.
15. Self-quality with a Focus of Professional Quality, Center for Teaching and Learning Development, King Abdulaziz University, KSA.
16. Assessment of Student Learning, ABET.

Social, Scientific and Professional Affiliation.

1. 2005-Present, member, Saudi Computer Society.

Publications.

1. Sarah Aljadani, Shahd Almutairi, Saja Ghaleb and Lama Al Khuzayem, "Elevint: A Cloud-Based Internet Of Elevators", International Journal Of Advanced Computer Science And Applications, Volume 13 Issue 1, 2022.
2. Al Khuzayem, Lama and McBrien, Peter, "Owlrel: Learning Rich Ontologies From Relational Databases", Baltic Journal Of Modern Computing, 4(3):466-482, 2016.
3. Al Khuzayem, Lama and McBrien, Peter, "Extracting Owl Ontologies From Relational Databases Using Data Analysis And Machine Learning", 2016.
4. Al Khuzayem, Lama and McBrien, Peter, "Knowledge Transformation Using A Hypergraph Data Model", Imperial College Computing Student Workshop, Pages 1-7, 2012.

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