

Majed M. Alateeq

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EDUCATION

- 2017 - 2023 **Doctor of Philosophy** (Computer Engineering and Intelligent Systems)
University of Alberta, Canada
Supervisor: Dr. Witold Pedrycz.
- 2014 - 2016 **Master of Science** (Computer Engineering)
University of Alberta, Canada.
Supervisor: Dr. Witold Pedrycz.
- 2006 – 2010 **Bachelor of Science** – (Computer Engineering)
University of Idaho, USA
- 2002 - 2005 **Associate Degree** (Computer Networks)
College of Telecom and Information, KSA

ACADEMIC EXPERIENCE

- 03\2024 – present **Assistant Professor**
Department of Computer Engineering
King Khalid University
Abha, Saudi Arabia.
- 02/2017 – 05/2023 **Machine Learning PhD Research Assistant,**
Department of Electrical and Computer Engineering
University of Alberta,
Edmonton, Alberta.
- 08/2012 – 12/2013 **Teaching Assistant,** King Khalid University
Abha, Saudi Arabia.

PROFESSIONAL EXPERIENCE

- 02\2025 – present **AI Consultant**
Center for Artificial Intelligence – King Khalid University
Abha, Saudi Arabia
- 08\2025 – 10\2025 **AI Contents Developer:** Participated in developing and writing the
core contents of the Professional Certificate in AI-Augmented Teaching
(AAT).
Produced three modules:
1. Understanding and Awareness of AI and Technology

- 2. Ethics and Responsibility
- 3. Data Management

04/2011 – 08/2012 **Assistant Application Programmer**
Saudi Industrial Development Fund (SIDF)
Riyadh, Saudi Arabia.

UNIVERSITY SERVICES AND LEADERSHIP

03/2024 – present Member, **Computer Engineering Department Council**

11/2025 – present Member, **Bachelor Program Development Committee**

- BSc in Robotics and Artificial Intelligence

09/2024 – present Deputy Chair, **Higher Studies and Scientific Research Committee**

09/2024 – present Member, **Committee of Plans and Curriculum**

09/2024 – present Member, **The International Relations Unit**

2024/2025 Supervisor, **Computer Science Student Club**

INTERSHIPS

02/2005 – 05/2005 **Computer Networks Technician:** King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia

CERTIFICATES

2021 **Leadership Certificate**, Peter Lougheed Leadership College, University of Alberta.

2020 **Post-Master's Certificate** in Innovation & Entrepreneurship, School of Business, University of Alberta, Canada.

2012 **QMS Auditor/Lead Auditor** “ISO 9001:2008” By the International Register of Certified Auditors (IRCA).

2005 **Computer Networks**, King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia.

CONFERENCES & TRAINING

07/2019 **Deep Learning and Reinforcement Learning Summer School**, Hosted by the Canadian Institute for Advanced Research (CIFAR) and

- the Alberta Machine Intelligence Institute (Amii), Edmonton, Alberta, Canada
- 10/2017 **IEEE, The International Conference on Systems, Man, and Cybernetics (SMC2017)**, Banff, Canada.
- 05/2012 **E-Business Security Conference** "Prevention of Modern Threat," Riyadh, Saudi Arabia.

AWARDS

- 07/2023 **J Gordin Kaplan Graduate Student Award**
Faculty of Graduate Studies and Research (FGSR)
University of Alberta

PUBLICATIONS

- M. Alateeq**, W. Pedrycz, "Analysis of optimization algorithms in automated test pattern generation for sequential circuits," *IEEE Conf. In Systems, Man, and Cybernetics (SMC)*, Banff, Canada, 5-8 Oct. 2017, pp. 1834-1839.
- M. Alateeq**, W. Pedrycz, "A comparative analysis of bio-inspired optimization algorithms for automated test pattern generation in sequential circuits", *In Applied Soft Computing*, vol. 101. 2020
- M. Alateeq**, W. Pedrycz, "Development of Two-phase Logic-oriented Fuzzy AND/OR Network", *In Neurocomputing*, vol. 482, no.14, pp.129-138, April 2022.
- M. Alateeq**, W. Pedrycz, "Logic-oriented Neural Networks: A Survey", *In Expert Systems with Applications*, vol. 257, Dec. 2024.
- M. Alateeq** and W. Pedrycz, "Multicontext Fuzzy Clustering: Toward Interpretable Fuzzy Clustering," in *IEEE Transactions on Fuzzy Systems*, vol. 32, no. 12, pp. 6720-6730, Dec. 2024.