

Ghalib H. Alshammri, PhD

Associate Professor in AI and Emerging Technologies

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Riyadh - King Saud University

Saudi

in/dr-ghalib

GAshammri_PhD

- PERSONAL SKILLS -

Leadership	Communication
Self-Motivation	Decision Making
Adaptability	Management Skills

- LANGUAGES -

Arabic	• • • •
English	• • • •

- CERTIFICATIONS -

Certified Quality Practitioner

King Saud University

Certified Trainer (Engineering & Technology Courses) #8037970980

Technical and Vocational Training Corporation, SA

Academic Leadership

Academic Leadership Center in MoE Cooperating with SACM, Mclean, Virginia

Key Performance Indicator (KPI) & Benchmarks

King Saud University - Riyadh, SA

Quality Practitioner Preparation and Academic Accreditation Program

King Saud University - Riyadh, SA

Machine Learning for Data Science & Analytics

Columbia University - USA, NY

Nanotechnology for Energy

Portland State University, Portland, Oregon

Machine Learning

Stanford University

Academic Course Design and Construction

King Saud University, SA

Internet of Things (IoT)

Stanford University, Stanford, California

Quantum Information Science I

Harvard University and MIT

DNA Sequences: Alignments and Analysis

University of Maryland

Quantum Machine Learning

University of Toronto

- AREAS OF EXPERTISE -



- MY TIME -



- CV AI CHATTING -



STATUS

Expert in Artificial Intelligence, Data Science, LLMs & IoT

WORK EXPERIENCE

Associate Professor in AI and Data Science

King Saud University, Riyadh, Saudi Arabia

Sep 2023 - Present -

Associate Professor in Artificial Intelligence and Data Science

Associate Professor (Collaborative)

Saudi Electronic University, Riyadh, Saudi Arabia

Associate Professor (Collaborative)

Imam Muhammad Ibn Saud Islamic University, Riyadh, Saudi Arabia

Associate Professor (Collaborative)

King Abdullah College for Leadership and Staff, Riyadh, Saudi Arabia

Associate Professor (Trainer)

Prince Nayef College for National Security, Riyadh, Saudi Arabia

Scientific Research Consultant

Saudi Electronic University, Riyadh, Saudi Arabia

Aug 2021 - Jul 2023

Founder and Chairman of the Board Director

Saudi Society for Artificial Intelligence & Intelligent System, Riyadh, Saudi Arabia

May 2023 - Present -

Founder and Ex Board Member

Saudi Society for Data Science, Riyadh, Saudi Arabia

Dec 2019 - Dec 2021

Consultant for Ranking Programs

Education & Training Evaluation Commission, Riyadh, Saudi Arabia

- Supervising the Ranking Programs Platform, Surveys & Dashboards.

- Data Management & Governance at Ranking Platform.

Designer, Evaluator and Developer of Standardized Test Questions and Exam Models at Qiya

Education & Training Evaluation Commission, Riyadh, Saudi Arabia

IT, AI and Emerging Technologies Consulting

Confidential Government, Riyadh, Saudi Arabia

2021 - Present -

Expert in the AI & IoT Community

Innovation Center - Monsha'at, Riyadh, Saudi Arabia

Teaching Assistant

Stevens Institute of Technology, ECE Depart., NJ - USA

Mar 2017 - Aug 2020

EDUCATION

Ph.D. Degree in Comp. Eng. (Artificial Intelligence)

Stevens Institute of Technology – Electrical and Computer Eng. Depart., NJ - USA

Aug 2014 - May 2019

Thesis: Artificial Intelligence Techniques for Diffusion-Based Bio-Molecular Nano Communication Networks

Research Area: Molecular Communication Nanonetworks and AI

Under Supervision: Prof. Victor B. Lawrence

Associate Dean of Engineering & Bachelor Chair Professor

Master of Computer Science (Major: Intelligent Systems)

University of Wollongong, Australia

Feb 2007 - Mar 2008

Bachelor of Education (Major: Computer Science)

Teachers' College in Riyadh at King Saud University, Riyadh, Saudi Arabia

Jun 1999 - Jun 2003

G. P. A. of (4.43) with Second Class Honor, Rank in Class: The First Class

PROFESSIONAL INITIATIVES

Founder Saudi Society for Artificial Intelligence and Intelligent Systems

King Saud University

Founder Saudi Society for Data Science

King Saud University

Designing Three Academic Programs

King Saud University

Cloud Computing, Cybersecurity and Data Science Programs

Interdisciplinary Research Hackathon

Saudi Electronic University

The first hackathon dedicated to scientific research and interdisciplinary fields in the Middle East.

Founder and Trainer for Data Science & Big Data Bootcamp (60 Credit Hours)

King Saud University

Founder and Trainer for Business Intelligence Bootcamp (60 Credit Hours)

King Saud University

Founder and Trainer for Artificial Intelligence and IoT Bootcamp (60 Credit Hours)

King Saud University

Cybersecurity Governance, Risk Management, and Compliance (30 Credit Hours)

King Saud University

Data Governance, Risk Manag., & Compliance (30 Credit Hours)

King Saud University

Designing and delivering a series of technical and engineering training courses

Confidential Government

Managing and organizing the "Riyadh Technical 2022" Forum

2022

Technical and Vocational Training Corporation, SA

This event is under the auspices of His Royal Highness Prince Faisal bin Bandar bin Abdulaziz Al Saud, Governor of Riyadh Region.

ACADEMIC COURSES

Design and Analysis of Network Systems (Graduate Course)

Stevens Institute of Technology - NI, USA

Design & Implement IoT with Clouding System (Graduate Course)

Stevens Institute of Technology - NI, USA

AI Techniques & Big Data (Graduate Course)

Stevens Institute of Technology - NI, USA

Supervisor and Manage Research Groups for Graduate Students

Stevens Institute of Technology - NI, USA

Computer Programming (1) and (2)

King Saud University - Riyadh, SA

Object Oriented Programming

King Saud University - Riyadh, SA

Data Structure

King Saud University - Riyadh, SA

Graduation Projects

King Saud University - Riyadh, SA

Supervisor for PhD Students

King Saud University - Riyadh, SA

MOST PROUD OF

Physical Organization

Demonstrated strong leadership and creative thinking in designing and optimizing physical infrastructure layouts. Achieved measurable improvements in effectiveness and productivity by streamlining workflows and maximizing space utilization in high-demand technical environments.

Planning Excellence

Led multiple strategic initiatives by applying strong analytical skills to identify core issues and develop effective, data-driven solutions. Demonstrated sound decision-making under pressure, with a proven track record in managing complex projects from concept to execution. Excelled in aligning project goals with organizational strategy to drive sustainable impact and operational success.

Team Leadership & Collaboration

Successfully led cross-functional teams by fostering a culture of trust, shared vision, and open communication. Skilled in setting clear goals, delegating effectively based on team strengths, and driving collective ownership of outcomes. Recognized for motivating teams toward high performance and achieving ambitious objectives through inclusive and strategic leadership.

Speaker at Bell Works, NJ - USA

- Alshammri, Ghalib, "Achieving Low Un-Coded BER for Nano Molecular Communications", Bell Works, NJ USA, 28 November 2018

Speaker at Honor Global Launch Event

Alshammri, Ghalib. "The Future of AI", Honor Global Launch Event, Dubai UAE, 16 July 2024

Reviewer - Highest Journals in WoS (Q1)

Served as a peer reviewer for top-tier journals ranked in the first quartile (Q1) of the Web of Science (WoS), providing critical evaluations to uphold academic and scientific quality in advanced research fields.

Research & Project Grants in many Institutes & Confidential Government

Secured and led multiple research and project grants across academic institutes and confidential government sectors, focusing on innovation, digital transformation, and emerging technologies.

Confidential Projects

Working on high-impact, confidential digital transformation and AI initiatives in collaboration with strategic governmental and academic entities. These projects involve sensitive data, advanced technologies, and innovative frameworks aimed at enhancing organizational efficiency, cybersecurity, and data governance.