

PROFESSIONAL PROFILE

A tertiary-qualified professional with a strong foundation in program management, business strategy, and interdisciplinary systems research, I am keenly interested in leveraging these skills in the field of Artificial Intelligence. I am seeking a role where I can apply my expertise in AI modeling, computer simulation, and data analysis to drive innovation and achieve strategic objectives. My background includes robust experience in developing algorithms and employing advanced analytical techniques to solve complex problems and enhance decision-making processes. Skilled in adapting quickly to new technological advancements, I excel in documenting intricate processes and synthesizing large datasets to produce actionable insights. My critical thinking and meticulous attention to detail support my ability to deliver precise, impactful outcomes. As a motivated and passionate team player, I inspire colleagues to pursue excellence and innovation, striving together to advance organizational goals in the AI landscape.

EDUCATION & QUALIFICATIONS

Ph.D. in Computational Science and Engineering North Carolina A&T state University (GPA: 4.0/4.0) | 2019
Master of Science in Computational Science and Engineering North Carolina A&T state University (GPA: 4.0/4.0) | 2017
Master of Science in Engineering Management Gannon University, Erie, PA (GPA: 3.75/4.0) | 2011
Bachelor of Science in Electrical and Computer Engineering Umm AlQura University, Makkah, Saudi Arabia
Certified Six Sigma Green Belt, PMP Certified

PROFESSIONAL SKILLS

Interdisciplinary System Research
Modeling & Computer Simulation
Project Management
Program Management

Business Development
Written & Oral Communication
Relationship Development
People Management

Team Motivation & Leadership
Continuous Improvements
Documentation & Reporting
Professional Code of Ethics

COMPUTER SKILLS

Advanced proficiency in Linux, Windows, LaTeX, LyX, Scientific workplace, MATLAB, MATHEMATICA; FORTRAN-90, C/C++, Java, R-Statistical software, Python, and WEKA

CORE COMPETENCIES

- ▶ Keen sense of professionalism, proactive nature and genuine commitment to efficient working practices, ensures the completion of all assigned responsibilities in a timely and quality assured manner.
- ▶ Versatility to adapt and acclimatise to different environments, which enables the effective performance of new tasks with minimum direction and supervision.
- ▶ Possess well-developed written, verbal, and interpersonal communication skills, including conflict resolution, negotiation, problem-solving, and the ability to communicate effectively as a leader and member of a team.
- ▶ Proven leadership and mentorship skills, using a motivating and collaborative approach to invigorate and develop individuals and teams by focusing on performance and growth.
- ▶ Well-developed organizational and communication skills and the ability to manage multiple projects.
- ▶ Maximises the contribution of the team, encouraging ownership, providing support and working effectively with others.
- ▶ Successfully displays and fosters integrity and honesty through the promotion of mutual trust and respect.
- ▶ Exhibits resilience and adaptability even in demanding and high-pressure environments.

PERSONAL ATTRIBUTES

- ▶ Strong work ethic; highly reliable, enthusiastic, positive and hardworking
- ▶ Ability to respond to multiple tasks while balancing competing demands
- ▶ Self-motivated, consistent, resilient and dedicated
- ▶ Superior analytical and decision-making skills
- ▶ Excellent organisational and time management skills
- ▶ Self-aware and seeks out opportunities for personal and professional development

EMPLOYMENT HISTORY

DIRECTOR OF CIFAL SAUDI ARABIA

Associated Fellow - UNITAR `

UNITAR | June 2022 – Present

- ▶ Developing and implementing the strategic plan for the CIFAL Center, and oversee its implementation.
- ▶ Leading the development and delivery of training and professional development programs for stakeholders and target audiences, including local and international participants.
- ▶ Managing the day-to-day operations of the CIFAL Center, including budgeting, staffing, and resource allocation.
- ▶ Developing and maintain relationships with local and international partners, stakeholders, and donors, and identify opportunities for collaboration and funding.
- ▶ Ensuring that the CIFAL Center maintains high standards of quality, relevance, and impact in all its programs and initiatives.
- ▶ Representing the CIFAL Center at conferences, events, and other venues, and build relationships with key stakeholders and partners.
- ▶ Monitoring and evaluate the effectiveness of the CIFAL Center's programs and initiatives, and make necessary adjustments as needed.
- ▶ Staying up-to-date with trends and developments in the field, and ensure that the CIFAL Center remains at the forefront of best practices and innovation.
- ▶ Supervising and mentoring staff, and foster a positive and productive work environment that values teamwork, collaboration, and continuous learning.

CEO of the Saudi Federation of Robotics and RC Sports `

Riyadh, Saudi Arabia | February 2023 – March 2024

- ▶ Developing and implementing a strategic plan to achieve the goals and objectives of the Saudi Federation of Robotics and RC Sports.
- ▶ Overseeing the day-to-day operations of the organization, including budgeting, staffing, and resource allocation.
- ▶ Building and maintaining strong relationships with key stakeholders, including partners, sponsors, government officials, and other organizations in the field.
- ▶ Representing the Saudi Federation of Robotics and RC Sports at conferences, events, and other venues, and promote its mission and vision to a wider audience.
- ▶ Identifying and pursue opportunities for growth and expansion, including the development of new programs and initiatives that align with the organization's mission and vision.
- ▶ Ensuring that the organization maintains high standards of financial and operational accountability, and that its programs and initiatives are effective and impactful.
- ▶ Working closely with the Board of Directors to develop and implement policies and procedures that reflect best practices and align with the organization's mission and vision.
- ▶ Building and lead a high-performing team of staff and volunteers, and ensure that they are motivated, engaged, and committed to the organization's goals and objectives.
- ▶ Staying up-to-date with trends and developments in the field, and ensure that the Saudi Federation of Robotics and RC Sports remains at the forefront of innovation and best practices.
- ▶ Advocating for the advancement of robotics and RC sports in Saudi Arabia, and collaborate with other organizations and stakeholders to promote their growth and development.

DIRECTOR OF KINGDOM'S 2030 VISION REALIZATION OFFICE `

Majmaah University, Majmaah, Saudi Arabia | April 2022 – January 2023

- ▶ Enhancing the role of the University in achieving the goals of the Kingdom's Vision 2030 and the Vision-related goals of the Ministry of Education.
- ▶ Raising the awareness of the University's employees and students of the Kingdom's Vision 2030, its objectives, and executive programs.
- ▶ Increasing the contribution of the University's employees in realizing the Kingdom's Vision 2030 through encouraging them to propose and manage initiatives.

DIRECTOR OF COST EFFICIENCY AND PERFORMANCE MEASUREMENT

Majmaah University, Majmaah, Saudi Arabia | April 2022 – January 2023

- ▶ Develops and executes a strategy to help members collect, report and analyze accurate, reliable, meaningful data that helps them with their strategic priorities, which may include greater capitation; more integrated services; greater patient-centered approaches to care; and other efforts to become more competitive.
- ▶ Reporting to the vice rector and rector of the University.
- ▶ Responsible for creating and establishing the system for performance metrics and measurement across the university.

- ▶ Responsible for heading the strategic direction for regulatory research and assessments, in order to ensure the university is responsive and aligned with regulatory best practice and governmental regulations.
 - ▶ Responsible for reviewing business cases to ensure they are robust, consistent and appropriate for external audiences
- Developing and/or improving the business case format(s) as required
- ▶ Responsible for seeking and tracking cost savings across the organisation with the aim to return savings to customers

Associate Professor

Majmaah University, College of Computer and Information Science, Majmaah, Saudi Arabia | October 2024 – Present

- ▶ Lead advanced research initiatives and collaborations that contribute to the development of the field, enhancing the department's reputation and academic contributions.
- ▶ Mentor junior faculty members and graduate students, fostering a collaborative and innovative academic environment.
- ▶ Oversee curriculum updates and incorporate cutting-edge technology and methodologies to align with evolving industry standards.
- ▶ Engage in departmental leadership roles, contributing to strategic planning and accreditation processes to ensure excellence in educational offerings.

Assistant Professor

Majmaah University, College of Computer and Information Science, Majmaah, Saudi Arabia | August 2019 – October 2024

- ▶ Contributed to curriculum, resource, program, and subject design, development, management, and review to ensure that learning and teaching in the Faculty reflect best practice and command of the field.
- ▶ Prepared high-quality subject delivery and learning support materials.
- ▶ Complied with all policies and procedures relating to teaching and learning, striving continuously to improve the administration and effectiveness of these processes.
- ▶ Ensured that students were adequately informed of the requirements and conduct of learning activities.

Chair of Computer Engineering Department

Majmaah University, College of Computer and Information Science, Majmaah, Saudi Arabia | January 2021 – current

- ▶ Oversaw the strategic direction and operational management of the Computer Engineering Department.
- ▶ Led the department in accreditation processes, faculty recruitment, and development initiatives.
- ▶ Enhanced departmental collaboration with industry and other academic institutions to align with the latest technological advancements and market needs.
- ▶ Monitored and evaluated faculty performance and student academic success, implementing improvements as needed.

LECTURER

Majmaah University, Majmaah, Saudi Arabia | August 2012 – August 2019

- ▶ Developed and prepared curricula, course plans, learning materials, assignments, activities and assessments for student learning.
- ▶ Undertook monitoring and assessment of students' course work, project work and examinations, and maintained up-to-date and accurate records of their progress and achievement.
- ▶ Advised and supported colleagues with less experience and advised on academic and personal development.
- ▶ Attended and participated in Faculty, College and external meeting and events.

HEAD OF THE PLANNING AND DEVELOPMENT UNIT AT CCIS

Majmaah University, Majmaah, Saudi Arabia | August 2019 – Present

- ▶ Develop department-wide goals, objectives, policies and procedures.
- ▶ Maintain current knowledge of laws, codes, regulations, and pending legislation related to institutional assessment, research, planning, and accreditation.
- ▶ Modify projects, studies, functions, and procedures to assure compliance with appropriate state and federal requirements.
- ▶ Develop and maintain a database of information for planning purposes.

HEAD OF CURRICULUM UNIT AT CCIS

Majmaah University, Majmaah, Saudi Arabia | August 2019 – Present

- ▶ Participate in the development and evaluation of new curriculum.
- ▶ Conduct research and consult with faculty, staff and business representatives in the design and development of new curriculum.
- ▶ Coordinate the review/assessment of current curriculum to ensure that course/program is meeting intended objectives and requirements.
- ▶ Develop curricular goals and outlines for new curriculum and curriculum updates.
- ▶ Actively pursue opportunities to continue to learn best practices in curriculum writing through research, professional development, and other learning opportunities.

COFOUNDER AND THE DIRECTOR OF THE PROJECT MANAGEMENT OFFICE (PMO)

Majmaah University, Majmaah, Saudi Arabia | August 2011 – August 2013 | August 2019 – Present

- ▶ Established the Project Management Office (PMO) to manage and monitor all projects operations.
- ▶ Solved the issues related to project stages, and included the AI in managing the projects.

ENGINEER

Saudi Electricity Company, Mecca, Saudi Arabia | April 2005 – July 2009

- ▶ Directed and controlled round the clock operation of the supervisory and data acquisition (SCADA) system for the Western region's Energy in Saudi Arabia in order to provide efficient and reliable operation.
- ▶ Revised all transmission maintenance schedules and revised or cancelled schedules as required to maintain the reliable system operations.
- ▶ Coordinated and made notifications for all unscheduled outages with regional dispatch centre, transmission, generation plants area, and dispatch centres.
- ▶ Performed modelling and simulation studies to the Energy and power system.

PROFESSIONAL MEMBERSHIPS, VOLUNTARY WORK & PRESENTATIONS

Head of Entrepreneurship and Students Initiatives at the Saudi Arabian Cultural Mission (Volunteer) | 2017 – 2019

- ▶ Coordinated several workshops, and seminars related to the Career Development and Entrepreneurship.
- ▶ Organized and coordinated several workshops related to different areas, such as Energy, AI, and Project Management.
- ▶ Conducted several workshops and seminars to the Saudi Students Clubs in United States.

Co-Organized The Sports For All Challenge Program For Fall 2019 | 2019 – 2020

- ▶ The program was sponsored by the Sports For All Federation, where 18 university student teams from both Saudi Arabia and the United States were developing creative campaigns to encourage local communities to become active and participate in sports, and to contribute effectively to improving participants' quality of life and well-being.

Science Fair Judge at ISEF Intel, Pittsburgh, PA | 2018

- ▶ Judged several projects in Robotics and Computational Biology.

Vice Chair at IEEE SoutheastCon 2018, St Petersburg, FL | 2018

Member of the Organized Committee of the Arab American Day Held by the League of Arab States in Washington DC | 2018

Core Value Judge at FIRST Robotics Competition (FRC) | 2017 – Present

Core Value Judge at FIRST LEGO League | 2017 – Present

- ▶ FIRST LEGO League introduces a scientific and real-world challenge for teams to focus and research on. The robotics part of the competition involves designing and programming LEGO Mindstorms robots to complete tasks.

Reviewer at IEEE Region 3 | 2017 – Present

Member of the Social Committee at the Computational Science and Engineering | 2017 – Present

Vice President of the Graduate Students Advisory Council at North Carolina A&T State University (Elected) | 2016 – 2017

- ▶ Served as a member of the University Student Senate.
- ▶ Acted as the internal operating officer of the Association and led over the Chairs of Communications, Finance and Student Advocacy.
- ▶ Oversaw all meetings, events, reports and requested of the school/college representative, and ensured that each school/college adhered to the statutes in the bylaws as it related.

Cultural Advisor and Mentor to the Saudi Student Association at North Carolina A&T State University | 2016 – Present

Member of the Institute of Electrical and Electronics Engineers (IEEE) | 2015 – Present

Motivational Speaker | 2015 – Present

Projects Priorities Assessment Committee, Majmaah University | 2011 – 2012

Member of the Procedures Reengineering Committee, Majmaah University | 2011 – 2012

Member of the Association of Technology, Management and Applied Engineering (ATAME) | 2010 – Present

Member of the American Arabic Institute (AAI) | 2010 – Present

Member of the American Society of Quality (ASQ) | 2010 – Present

Member of the Project Management Institute (PMI) | 2010 – Present

REFERENCES

Available upon request