Rana Taher Ali Al-Nemer

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Academic Qualifications:

- **2022 – Present:**
  - **PhD** student in **Educational Technology,** Jordan University.
- **2015 – 2017:**
  - **Master's degree** in **Information and Communication Technology in Education** with honors, Al al-Bayt University / Prince Hussein College for Information Technology.
- **2001 – 2005:**
  - **Bachelor's degree in Computer Information Systems** with very good honors, Jordan University / King Abdullah II School for Information Technology.

Qualifications and Professional Certifications:

- **2023 – 2024:**
  - Diploma in Artificial Intelligence Applications in Education, British Board.
  - Diploma in Becoming a Star in AI Training (Certified Trainer), British Board.
  - Certified Practitioner in Creative and Critical Thinking Keys (Leadership Team) – Pathway 1, Rethinkers Academy.
  - Certified Practitioner in Visual Thinking and Education Based on Brain Research (Leadership Team) – Pathway 2, Rethinkers Academy.
- **2022 – 2023:**
  - Training Diploma in Educational Leadership, University of Jordan Consultations Center, (300) training hours.
  - Training Diploma in Professional Standards for Teachers, International Academy of Pioneers Schools, (300) training hours.
- **2022 – 2023:**
  - Certified Teacher in Thinking Skills, **De Bono Center.**
- **2015 - 2016:**
  - Certified Trainer in Robotics, Arab Robotics Association.
  - Certified Teacher from Microsoft.

Work Experience:

- **2022 – Present:**
  - Head of the Educational Technology Department, International Pioneers Academy Schools.
- **2022 – 2023:**
  - Head of the Educational Technology Department in addition to supervising the national and international programs, International Pioneers Academy Schools.
- **2018 – 2022:**
  - E-Learning Coordinator and Supervisor of Computer, Finance, and STEM, International Pioneers Academy Schools.
  - Founder and Supervisor of the STEM Program for both national and international programs, International Pioneers Academy Schools.
- **2016 – 2018:**
  - E-Learning Coordinator and Secondary School Computer Science Teacher, International Pioneers Academy Schools.
- **2010 – 2023:**
  - Secondary School Teacher in Computer Science, Information Management, and Financial Literacy, International Pioneers Academy Schools.
- **2006 – 2010:**
  - Computer Teacher and Information Management Subjects Teacher for Secondary Level at various other schools.

Courses:

#	Course Name	Place of Course	Date of Course
1	Flash	Internet and Computer Club at the University of Jordan	2005
2	Maya	Internet and Computer Club at the University of Jordan	2004
3	Maintenance	Internet and Computer Club at the University of Jordan	2004
4	SPSS	Internet and Computer Club at the University of Jordan	2004
5	Oracle	Internet and Computer Club at the University of Jordan	2003
6	Web Page Design	Internet and Computer Club at the University of Jordan	2003
7	Java	Internet and Computer Club at the University of Jordan	2002
8	Developed Curricula	Al Salt Academy Schools	2007/2006
9	New Teachers	Al Salt Academy Schools	2007/2006
10	New Teachers and Classroom Management	Educational Creativity Schools	2008/2007

11	Smart Board Course	International Pioneers Academy Schools	2010
12	Mind Maps and Concept Maps using Smart Draw	International Pioneers Academy Schools	2010
13	Dealing with Teenagers	International Pioneers Academy Schools	2011
14	Preparing Teaching Aids	International Pioneers Academy Schools	2011
15	Multiple Intelligences	International Pioneers Academy Schools	2011
16	Thinking Based Learning	International Pioneers Academy Schools	2012
17	Statistical Analysis (SPSS)	International Pioneers Academy Schools	2013
18	Thinking Based Learning	International Pioneers Academy Schools	2013
19	ICDL (Obtained my Certificate)	Sweleh Knowledge Station / National Information Technology Center	2015
20	Preparing Robotics Trainers EV3,Modi,Wedo2)(	Arab Robotics Association / Jubilee Schools	2015
21	Talent and Creativity (Supporting Gifted Students)	International Pioneers Academy Schools - Amman Arab University	2016
22	Approved Microsoft Teacher (MCE)	International Pioneers Academy Schools	2016
23	Preparation and Planning – Professional Teaching Standards	International Pioneers Academy Schools	2018
24	Student Assessment - **Professional Teaching Standards**	International Pioneers Academy Schools	2018
25	Supportive Teaching / Learning - **Professional Teaching Standards**	International Pioneers Academy Schools	2018
26	Learning / Teaching Strategies - **Professional Teaching Standards**	International Pioneers Academy Schools	2019
27	Classroom Management - **Professional Teaching Standards**	International Pioneers Academy Schools	2020
28	Brainstorming Techniques	Higher Institute for Family Development Training - Women	2021
29	Creative Idea Generation Techniques	Higher Institute for Family Development Training - Women	2021
30	Six Hats in Thinking	Higher Institute for Family Development Training - Women	2021
31	Certified Teacher Course in Integrating Critical Thinking Skills into the Curriculum	De Bono Center for Thinking Education	2021
32	Certified Teacher Course in Thinking Skills	De Bono Center for Thinking Education	2021

33	Motivation Based Learning	International Pioneers Academy Schools	2021
34	Leading Professional Learning Communities Course - Professional Teaching Standards	International Pioneers Academy Schools	2021
35	Learning Resources and Techniques Course - Professional Teaching Standards	International Pioneers Academy Schools	2021
36	Family and Community Partnership Course / Leadership Standards	International Pioneers Academy Schools	2021
37	Guiding Statements Course	International Pioneers Academy Schools	2021
38	School Leadership Standards Course	International Pioneers Academy Schools	2021
39	Certified Teacher Course in the TRIZ Program for Creativity, Innovation, and Problem Solving	De Bono Center for Thinking Education	2022
40	Certified Teacher Course in the Creativity and Innovation Program for Children	De Bono Center for Thinking Education	2022
41	Certified Teacher Course in the Life Skills Program	De Bono Center for Thinking Education	2022
42	Professional Leadership Standards Courses (All Fields)	International Pioneers Academy Schools	2023-2022
43	Gifted Student Care Course	International Pioneers Academy Schools	2023
44	Certified Practitioner in Thinking Keys - Creative and Critical, Rethinkers Academy	International Pioneers Academy Schools	2024
45	Certified Practitioner in Visual Thinking and Brain-Based Education, Rethinkers Academy	International Pioneers Academy Schools	2024
46	Diploma in Applications of Artificial Intelligence in Education, British Board	Oberon Institute - Dubai	2024
47	Certified Trainer in Artificial Intelligence, British Board	Oberon Institute - Dubai	2024
48	Self-Learning and development for educational and technical programs: Metaverse,Liveworksheet, Kahoot, Google Forms, word wall, padlet,Coogle,Freemind,Moodle, STEM,Draw your Game,Modi,Wedo2,Edpuzzel, Flip pdf,Quizzes, Wix, Metavese, Instavr, Cospaces, AI Apllications (Gamma, GPT, Bearly,….) Learning portals	Online	2016 till now

Technical Skills:

Educational Technology:

- Designing and producing computerized curricula and educational software: ARTICULATE STORYLINE, LECTURE MAKER, COURSE LAB.
- Managing e-learning platforms: Edunation, Moodle.
- Managing curriculum and interactive content platforms: Hello Code, Cambridge, Wonders, H&M, and virtual labs.
- Applications of artificial intelligence in education.
- Applications and technologies of virtual and augmented reality.
- Designing STEAM and robotics content and curricula.

Educational Software and Tools:

- ARTICULATE STORY LINE,LECTURE MAKER,COURSE LAP
- Photoshop
- Camtasia
- E-Exam
- E-learning Platform Administrator**.**
- padlet,Coogle,Freemind,Moodle, STEM,Draw your Game,Modi,Wedo2,Edpuzzel, Flip pdf,Quizzes,Free mind, Wix, Metavese, Instavr, Cospaces, AI Apllications (Gamma, GPT, Bearly,….) VR & AR Applivations.
- Database Language and Tools (Algebra, Query by Example, Access, Oracle)
- Web page Design(Xhtml, Dhtml, Java Script, VB Script, ASP.Net, SQL Server,VB.NET,PHP)
- Office and internet (Microsoft Word , Access , Excel , ……)
- Graphics Design (Maya, Photoshop, flash)
- Rational Rose
- Power designer
- MS project

Personal Skills:

- **Languages:**
  - ○ Arabic: Native language.
  - ○ English: Excellent in reading and writing, good in conversation.
- **Communication and Leadership Skills:**
  - ○ Leading educational teams and managing projects.
  - ○ Training and developing teachers and leaders.
  - ○ Classroom management and implementing modern teaching strategies.

Achievements and Contributions:

- **Training and Development:**
  - Preparing and implementing training programs in artificial intelligence, e-learning, leading e-learning, entrepreneurship and innovation, digital citizenship, interactive educational games, virtual and augmented reality, the Internet of Things, educational platforms and e-assessments, various learning resource technologies and their applications, and STEAM.
  - Training teachers on professional teaching standards for the Diploma in Education.
  - Training leaders on leadership standards for the Diploma in Educational Leadership.
  - Training in STEAM and robotics programs.
- **Programs and Initiatives:**
  - Establishing the "Design Camp and Programming Challenge" program for gifted students for three years.
  - Establishing and managing the STEM program in schools.
  - Designing the digital library for the Pioneers Academy.
  - Designing the school website.
  - Designing the teacher performance evaluation record according to professional standards and the annual report.
  - Preparing a guide for applications of artificial intelligence in education.
  - Authoring a robotics curriculum for grades two to six at the International Academy of Pioneers Schools.
  - Organizing the STEM and Educational Technology Projects Exhibition.
  - Forming the commando team of the International Academy of Pioneers in collaboration with Eureka.
  - Conducting a game design and virtual reality course with the Applied Sciences University (students).
  - Training for the artificial intelligence competition (students).
  - Organizing an entrepreneurship camp in collaboration with Entrogate.
  - Forming teams for programming, robotics, and entrepreneurship.
  - Hosting events on innovations in educational technology at the International Academy of Pioneers Schools.
  - Organizing the 2018 Technology Teacher Forum on e-learning.
  - Conducting the 2018 Digital Teacher Competition.
- **Contributions:**
  - Participating in the 2024 De Bono Conference on Artificial Intelligence.
  - Supervising student teams that achieved advanced placements in local and international competitions in programming, robotics, and innovation.
  - Participating in school activities, competitions, exhibitions, conferences, and student clubs.
  - Member of the Gifted Student Program Committee at the International Academy of Pioneers Schools.
  - Member of the judging committee for the computer competition at Omarya Schools in 2016.
  - Member of the curriculum development committee for values at the International Academy of Pioneers Schools.
  - Producing computerized educational programs (Unit on addition for first-grade students, lesson on the verb "was" and its formations – Arabic for ninth grade).

Support for Gifted Students and Competitions:

- **2023 Entrepreneurship Competition for Innovation and Youth:** Second place in Community Leadership (International) (as a supervisor).
- **2023 Entrepreneurship Competition for Innovation and Youth:** Second place for Best Prototype (Girls' Secondary School) (as a supervisor).
- **Future Programmers Competition:** Eighth place in the Arab world (2023).
- **Robot Soccer Competition:** First place for the Creative Project (2023).
- **Youth Creativity Competition in Electronic Design:** First place at the national level (2022).
- **Global Artificial Intelligence and Programming Competition Codeavour 2022:** Qualified among the top ten in the country and qualified for international level.
- **Fifth place in the Entrepreneurship and Innovation Competition at the Arab level (2022) (as a supervisor).
- **Tenth place in the third Jordanian Olympiad for Informatics (JOI).**
- **Participation in the "Future Programmers Competition" in 2016 and achieving eighth place among 60 participating teams (as a teacher).**
- **Participation in the "Future Programmers Competition" held by the Applied Sciences University and earning bronze medals in 2015 (as a teacher).**
- **Participation in the Al-Quds Competition and achieving first place in Graphic Design at the national level (as a teacher).**
- **Winning the "Investigative Journalism and Scientific Research" competition at Al-Salt Academy Schools (as a teacher).**