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Ra'ed A. Bani Abdelrahman

Personal Information
- Address: Irbid - Jordan.
- Marital status: Married.
- Place & date of birth: Jordan – Irbid   May 19th, 1986

Objective
To help others and make a difference in the community and share my experience to exchange knowledge and ideas.

Languages

Arabic : Native Speaker

English : Excellent (Written, Spoken, listening)

Education

2016 – 2019: **PhD in Software Engineering** – Loughborough University, United Kingdom.
Specialization: Systems and Software Safety and Liveness.
Thesis title: "Specification and Verification of Network Algorithms Using Temporal Logic." Supervised by Dr. Amitabh Trehan and Dr. Walter Hussak.

2010 – 2012: **Masters of Science in Computer Engineering Degree** from Yarmouk University, Jordan.
Specialization   ⟶   Embedded Systems
Thesis title: "*Asthma Diagnosis from Cough Sound Using Signal Processing Techniques."* Supervised by Dr. Mahmood Al-Khassaweneh.

2004 –2008 **Bachelor of Information Technology & Computer Sciences Degree** from Yarmouk University, Irbid, Jordan.
Major   ⟶   Computer Sciences

2002-2003 **High School Diploma**, Fayetteville High School – East, Arkansas, USA.

Job Experiences and voluntary work

- **Assistant Professor – Ajloun National University (Jordan)**
  July 2019 – Now.
  ➢ Teaching different computer science and software engineering courses.
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- **PT Lecturer - Loughborough University – (Loughborough – UK)**
  November 2016 – December 2018.
  ➢ Teaching different computer science and software engineering courses including functional programming.

- **IT Lecturer and Coordinator – Dammam University (Dammam – Saudi Arabia)**
  August 2013 – Dec 2015
  ➢ Teach different IT courses.

- Student supervisor for the scientific track.
- Coordinate the scientific and engineering tracks of the computer department.
- Develop exams for the department.
- Developed an online staff information database.
- Black Board Training for staff.
- Develop surveys.
- Monitor ICDL exams.
- Member of the E-Learning committee in the University.
- Member of the Deanship Online Portal.
- Develop and design the Yearly Report for the PY.

- **IT Lecturer and Coordinator - King Saud University (Riyadh – Saudi Arabia)**
  September 2012- August 2013
  - Work on the e-learning systems issued by Oxford University.
  - Use E-Learning Management System series New Headway Plus for teaching and as an interactive system between the students and the teachers.
  - Prepare assignments and exercises and homework using the system.
  - Use Q-Online Practice e-learning system for Q-skills for success series to provide new content and different exercises for each unit of the book at each level.
  - Develop training materials on using the E-Learning Systems.
  - Train teachers on how to use the systems.
  - Develop interactive surveys for the teachers and the students.
  - Work in the Academic Administration Unit.
  - Develop an interactive system for students complains for the academic advisors.
  - Solve and manage IT issues (software maintenance, hardware maintenance, and network maintenance in the English Department in the Preparatory Year Deanship.
  - Database management and Security.
  - Developing the PY Website using SharePoint system.
  - Manage the Grading and Assessment System.
  - Develop a Student Attendance system to have more efficient and accurate students attendance results and also easy to use system.
  - Manage the attendance system.
  - Responsible for IT relations with other department.
  - Design plans work flow for the semester.
  - Meet with the IT staff.
  - Prepare reports.
  - Give capacity building trainings for new teachers and staff.
  - Monitor and evaluate the teachers in classes.

- **IT Lecturer - Dar Al-Oloum International Academy – (Irbid, Jordan)**
  January 2009- June 2011
  - Teach computer university level courses (programming, other courses).
  - Teach ICT **Cambridge courses**.
  - Teach Microprocessor course.

- ➢ Teach ICDL courses.
- ➢ Teach selected topics of IT to companies' staff.

- **Project Coordinator**
  Jordan Career Education Foundation (JCEF) – (Amman, Jordan)
  March 2011- July 2011
- ➢ Coordination of USAID funded YWJ project in Irbid.
- ➢ Coordinating with stake holders on different aspects of the project.
- ➢ Managing Irbid Office.
- ➢ Monitoring and evaluating trainings and different project implementations.
- ➢ Build strong relation and network with different key stake holders.
- ➢ Reporting to Amman office on a daily basis.
- ➢ Monitoring and evaluation of the project in its fours IRs.
- ➢ Designing plans on implementation of the project.
- ➢ Problem solving in various stages of the project in Irbid.
- ➢ Building the capacity of local CBOs.
- ➢ Meeting with CBOs, MoSD, GIM, and other government agencies on a weekly basis to insure stability of planning and implementation.
- ➢ Raising the awareness of Youth and giving them sessions on capacity building and career success.
- ➢ Build good network with local companies.
- ➢ Linking the Youth to local companies' jobs.
- ➢ Building the capacity of the staff.
- ➢ Organize events and meetings.

- **Community Mobilizer/ Monitoring & Evaluation**
  International Relief and Development (IRD) – (Amman, Jordan)
  November 2008- March 2011
- ➢ Monitoring and evaluation CMP USAID Project among 50 Schools.
- ➢ Monitoring project planning and implementation.
- ➢ Organize events and meetings in all parts of Jordan.
- ➢ Helping in Proposals writing and development.
- ➢ Surveying all schools community, parents, students, and teachers.
- ➢ Writing the analysis and final yearly report.
- ➢ Mobilize the community working with the school and train them on income generations and fund raising.
- ➢ Working with Ministry of Education in all aspects related to Projects.
- ➢ Monitoring Community Based Support Program in its four divisions funded by BPRM.
- ➢ Developed a successful M&E system which reflected positively on the project.
- ➢ Helping Iraqi Refugees to build their skills to live in better conditions.
- ➢ Monitor and coordinating the vocational training for the Iraqi men.
- ➢ Monitor partner CBOs working with IRD and build better relations.
- ➢ Monitor and evaluate trainings for Home Food Production and

Marketing.
- ➢ Organize meetings with CBOs.
- ➢ Report any child or women abuse to UNHCR and help to protect them.
- ➢ Preparing travel, purchase, advance, and payment requests with additional financial documents.
- ➢ Prepare contracts and MoUs with partners and service providers.
- ➢ Find offers and prepare canvas documents.
- ➢ Responsible for humanitarian and medical aid shipping and distribution.
- ➢ Preparing all other needed financial documents related to work.

- **Cross Cultural Coordinator**
  U.S. Peace Corps – Jordan (Irbid, Jordan)
  June 2008 – September 2008
  - ➢ Responsible for all cultural awareness and trainings for the American volunteers.
  - ➢ Responsible for training volunteers about all cultural aspects in Jordan and how to deal with their daily life routines in Jordan.
  - ➢ Organizing Cultural events and guest speakers meetings.
  - ➢ Serving as a resource for 39 Trainees and 8 Language and Cultural Facilitators (LCFs).
  - ➢ Provide Trainees and LCFs with all necessary materials.
  - ➢ Giving guidance and advice for Trainees and LCFs during their home stay period.
  - ➢ Write reports about Trainees and sessions periodically or depending on events.
  - ➢ Teaching Arabic for adults who are non Arabic speakers.
  - ➢ Testing Volunteers on Arabic Level acquisition.

- **Language and Cultural Facilitator**
  U.S. Peace Corps – Jordan (Irbid, Jordan)
  June 2007- September 2007
  - ➢ Was responsible for five American Trainees during their stay in Jordan 24 hours a day and lived with them with a host family.
  - ➢ Taught 400 hours of intensive Arabic and Assisted in Culture integration sessions.
  - ➢ Coordinated relationships between Trainees and host families.
  - ➢ Informed Trainees about Jordanian way of life.
  - ➢ Was responsible for writing reports for every Trainee and the sessions and any kind of accidental or even normal events.

Training Courses AND SKILLS

❖ Certified Project Cycle Management and Monitoring and Evaluation **(IRD).**

❖ Certified trainer on AIDS and HIV awareness using interactive theatre from **Family Health International (FHI)**.

❖ Certified trainer on Human Rights with **Amman Centre for Human Rights (ACHR)**.

❖ Trainer on Career Counselling and Development with King Abdullah II Fund.

❖ Training of Trainers (TOT) from **US Peace Corps** and **International**

Relief and Development (IRD).

❖ Trainer on Alternatives to Violence.

❖ Professional in Conferences and events management.

❖ Excellent Research and Analytical skills.

❖ Excellent planning, sustainability and management skills.

❖ Professional Arabic Language Facilitator and teacher for Non-Arabic speakers.

❖ Excellent interpersonal skills.

IT and Computer skills

- Professional in MS office & Internet.

- Specification of properties using temporal logic and model checkers.

- Diagnose and fix computer hardware and software problems.

- Install different softwares and fix problems related to Windows.

- High knowledge of Operating Systems.

- Sharepoint development.

- C programming, MATLAB, PHP, Android Studio, C# Programming (ADO.NET, ASP.NET, Windows forms) and C++ Programming, and other programming languages.

- Microprocessor Programming (Intel and Motorola).

- Embedded Systems.

- Image processing and signal processing.

- Designed Hospital System based on .NET and MySQL.

- Developed Asthma Diagnosis System using MATLAB.

- Systems and algorithms development and analysis.

- Neural Networks.

Publications

- Will be provided upon request.

References   Available upon request.