Moaath Mohammad Shatnawi

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PERSONAL DATA

Date of Birth: December 15, 1986
Nationality: Jordanian
Marital Status: Married
Number of children: three

QUALIFICATIONS

- 2/2012 – 4/2017 University Kebangsaan Malaysia in Selangor, Malaysia
  Ph.D. in **Computer Science**, Major: Artificial Intelligence.
  Ph.D. Dissertation "Plunge-Diving seabirds inspired optimization algorithm in polar coordinates with levy flight"

- 1/2010 – 11/2011 University Kebangsaan Malaysia in Selangor, Malaysia
  M.Sc. in **Computer Science**, GPA: 3.27.
  M.Sc. Thesis "An Enhancement of the Cuckoo Search (CS) Algorithm Using the Centroidal Voronoi Tessellations (CVT),"

- 9/2005 – 8/2009 Al Albayt University
  B.Sc. in **Computer Science**, GPA: Good
  B.Sc. Graduation project "Technical Support Management System,"

PUBLICATIONS

- Moaath Shatnawi, Dr.Khalid M.O. Nahar, Dr.; Nahlah M. Shatnawi, Dr.; Mahmoud S. Jawarneh, Dr. Ra'ed M. Al-Khatib, A Novel Xception Algorithm Based on Enhanced CNN-Deep Learning Models for Snake Classification **submitted** to Egyptian Informatics Journal. 2023

- Moaath Shatnawi, Mohammad Faidzul Nasrudin., Shahnorbanun Sahran., "Plunge-Diving Seabirds Optimization: A New Polar-Based Metaheuristic Algorithm" **Submitted** to the IEEE Access. 2023

- Moaath Shatnawi, Mohammad Faidzul Nasrudin., Shahnorbanun Sahran., "Particles Initialization of the Polar Particle Swarm Optimizer (Polar PSO) algorithm in Polar Coordinates", *the International Journal of Soft Computing.* 2023

- Moaath Shatnawi, Mohammad Faidzul Nasrudin., Shahnorbanun Sahran., "A new initialization technique in polar coordinates for Particle Swarm Optimization and Polar PSO", *International Journal on Advanced Science, Engineering and Information Technology 7(1)*, 2017.

- Moaath Shatnawi, Mohammad Faidzul Nasrudin., Shahnorbanun Sahran., "Starting Configuration of the Polar Particle Swarm Optimizer Algorithm in Polar Coordinates*", the 4th Artificial Intelligence Technology Postgraduate Seminar (CAITPS'2015),* UKM, Malaysia.

❖ Moaath Shatnawi, Mohammad Faidzul Nasrudin. "Starting Configuration of Cuckoo Search Algorithm Using Centroidal Voronoi Tessellations," the 7th International conference of Information Assurance and security (*ISA2011*) & 11th International conference on Hybrid Intelligent Systems 2011 (*HIS2011*), 5 – 8 December 2011, Melaka Malaysia.

WORK EXPERIENCES

➢ 3/2023 – 2/2024, assistant professor at Toledo private colleage.

➢ 10/2019 – 10/2020, assistant professor at Irbid National University.

➢ 2012 - 2017 research assistant University Kebangsaan Malaysia (UKM), Malaysia.

➢ 12/2011 - 6/2012 University Kebangsaan Malaysia (UKM), Malaysia Data entry for JAWI language as dataset.

➢ 9/2006 – 5/2009 Volunteer of INJAZ Association at Al-albayt University.
   - Teach the students how to work as groups.
   - Teach the students how to be responsible and self confident.
   - Help the students for managing time.
   - Make a positive conversation to richness the knowledge between the students.

➢ 5/2006 – 6/2009 Volunteer of King Abdullah II Fund for Fund Development Al-albayt University (KAFD).

   - Post training program as "your way to your career" which is specialist in Rehabilitation and training the students to join the labor market.
   - Supporting pioneering projects and activities in an aim to enhance national productivity and create employment opportunities that lead to improving Jordanians' standards of living.
   - Establishing pioneering developmental projects and companies across the Kingdom and offering technical support and consultation to develop them.
   - Contributing to building citizens' capacities and promoting their professional development.
   - Creating programs and supporting activities that foster Jordanian youth's innovation and excellence.
   - Promoting entrepreneurship through supporting innovation projects, research, and development.

➢ 4/2007 – 4/2008 Member of the Students Union Al al-Bayt University.

HONORS AND AWARDS

1. Received a certificate of appreciation award for the 7th International conference of Information Assurance and security (ISA2011) & 11th International conference on Hybrid Intelligent Systems 2011 (HIS2011) (IEEE conference sponsored by IEEE SMCS , IEEE SMC Society Czeech&Spain chapters, IT $ innovations).

2. Certificate of Achievement from Microsoft IT Academy for Microsoft Approved course in MCP XP (supported by Arabian Education and training Academy & Al al-Bayt University).

WORKSHOPS AND TRAINING COURCES ATTENDED

- 6/2009 – 12/2009 Training course preparing to apply for exam in Computer Certificate Network Associate (*CCNA*) from SDK Training center, Jordan.
- 6/2009 – 12/2009 Course preparing to apply exam in English language (*TOFEL*) from SDK Training center, Jordan.

- 10/2008 – 11/2008 Workshop under title "Communications skills" INJAZ Association from Al al-Bayt University office, Jordan.
- 4/2008 Workshop "Your way to your career" from KING ABDULLAH OF THE FUND DEVELOPMENT Al al-Bayt University, Jordan.

- 3/2008 Workshop "How to deal with colleges" DEANSHIP OF STUDENT AFFAIRS Al al-Bayt University, Jordan.

- 12/2007 Workshop "Creative thinking" DEANSHIP OF STUDENT AFFAIRS Al al-Bayt University. Jordan.

- 10/2007 Workshop "How can you think economically" from INJAZ Association in Al al-Bayt University office, Jordan.

- 10/2006 Workshop "Leadership" from INJAZ Association in Al al-Bayt University office, Jordan.

- 5/2006 Workshop "Business Ethics" from INJAZ Association in Al al-Bayt University office. Jordan.

RESEARCH INTERESTS

- ➢ Optimization (meta-heuristic search algorithms; algorithm modeling; Polar Coordinates transformation ……).

ABILITIES AND SKILLS:

1- Skillful in conducting researches and participatory rapid appraisals.
2- Skillful in using computer and social media.

LANGUAGES

☐ Arabic: (Mother tongue) Excellent written and spoken.

☐ English: Excellent written and spoken.

☐ Malay (Fair)

CAREER OBJECTIVE

To add skills to the organization in achieving its goal and objectives with my experiences using professional communication skills to the best of my knowledge