ENAS KHWAILEH

Date of Birth: 12-3-1988
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Education

- PhD Candidate at Utrecht University, Data Intensive Systems group in the Algorithms division.

- Jordan University of Science and Technology (JUST), Irbid, Jordan.
  M.S; Computer Science, (GPA:3.59/4.00) September 2018 - August 2020.
  Thesis Title: "Aging And Health Span: Machine Learning To Predict Health-Span Using Body Biomarkers".
  Advisor: Dr. Qanitah Bani Baker.

- Jordan University of Science and Technology (JUST), Irbid, Jordan.
  Bachelor in Computer Science; (GPA 79/100), September 2006 - June 2010.
  Thesis Title: Arabic to English and English to Arabic machine learning Translator.
  Advisor: Dr. Hassan Najadat.

- Zainab Bin Alrasool High Shool, Irbid, Jordan.
  High School; Scienctific field, (GPA:87/100) September 1994 - July 2006.

Research Interests

Bioinformatics research; Aging and healthspan Discovery; Data Discovery; Data Cleaning; Machine learning Implementations.

Work Experience

- **Working Experience**

  - University research assistant, Computer Science department, Jordan University of Science and Technology [12/09/2017 – Current]
    Address: Tel: +962-2-7201000 (Ext. 23628), 22110 - www.just.edu.jo, Irbid, Jordan.

    * Working on courses research in the field of data mining and machine learning modeling.
    * Developed a system for integrating the computer science department students, teachers and teachers assistance at one place to follow up with lab works, home works and assignment. The goal is to save time and save marks at one place.

  - Team Leader at UX Waves [09/06/2016 – 05/09/2017].
    Address: 30's Street, beside Nabil Bakries, Ramtha (Jordan) - https://www.uxexpertreview.com/ Irbid, Jordan.

    * Information and communication company sector, responsible for organizing the current projects and keeping employees in track.
    * Applying Heuristic methods for system fixing.

  - Volunteer (Kids Programming Trainer) Hello World Kids [01/01/2016 – 15/05/2018].
    Adress: https://helloworldkids.org/ in Amman, Jordan. Email address: info@helloworldkids.org.

    * Teaching kids mind thinking optimization and problem solving.
    * Motivate kids to start their own projects by figuring out real life problems and try to find a solution using coding and systematic ways.

– Freelancer (Programming) web application development and user experience design.
Booking.com [14/02/2013 – 10/10/2015].

   * Responsible for creating new web pages.
   * Adding new propertied holders for he booking.com network.

- **Teaching Experience**

   – September. 2018 - June. 2020, **Teaching Assistant**, JUST, Jordan.

      * Lab instructor for programming in C++ and C.
      * Homework and exam grading.
   .
   – Oct. 2016- May. 2018, **Programming Teacher**, Amman, Jordan.

      * Teaching Kids (7-12 years old), problem solving criteria and start their own projects.

- **Internships**

   – May. - Aug. 2019, **Researcher**, Ruhr University of Bochum (RUB), Bochum, Germany.

Publications

- **Conferences and Journals**

   – Al-Asa'd, Muntaha, Nour Al-Khdour, Mutaz Bni Younes, **Enas Khwaileh**, Mahmoud Hammad, and AL-Smadi Mohammad. "Question to Question Similarity Analysis using Morphological, Syntactic, Semantic, and Lexical Features." In 2019 IEEE/ACS 16th International Conference on Computer Systems and Applications (AICCSA), pp. 1-6. IEEE, 2019.

   – Hammad, Mahmoud M., Mohammad Al-Smadi, Qanita Bani Baker, Nour Al-khdour, Mutaz Bni Younes, and **Enas Khwaileh**. "Question to Question Similarity Analysis Using Morphological, Syntactic, Semantic, and Lexical Features." Journal of Universal Computer Science 26, no. 6 (2020): 671-697.

   – Muneer Bani Yassein, **Enas Khwaileh**, Omar Al Zoubi. "An Optimized Dynamic Trickle Algorithm for Media Technology". International Journal on Communication Antenna and Propogation (I.Re.C.A.P), Vol. 10,N.4 ISSN 2039-5086. p 68-76.

   – **Enas Khwaileh**, Muntaha Al-as'ad. "ELMo-NB at SemEval-2020 Task 7: Assessing Sense of Humor in Edited News Headlines Using ELMo and NB". International Workshop on Semantic Evaluation 2020. December 2020, P 156.

   – **Enas Khwaileh**, Malak Abdullah, Muntaha Al-as'ad. "A comprehensive study of Machine Learning techniques on the Santander Banking dataset". In 2020 at Jordan University of Science and Technology (JUST) - Irbid, Jordan IT conference.

   – **Enas Khwaileh**, Marwa Alharbi, Qanitah Bani Baker. "Lung Cancer Survival Time in Days using Different Machine Learning and Deep Learning techniques". IACDL 2020, P 210-219.

   – **Enas Khwaileh**, Marwa Alharbi, Anwar Bani Amer, Wail Mardini. "Analysis Of Secure Communication Techniques in Cyber-Physical and IoT Systems with Solutions Using BlockChain". Intel technology journal 8.3 (2019).

   – **Enas Khwaileh**, Qanitah Bani Baker. "Healthspan Study Using Machine Learning Techniques on Aging with Elegance - Life Batteries: a quest". Ageing Research Reviews 2020.

Honors/Awards

- 2010 Computer Information system Parade award for the Bachelor students Graduation Project

- 2018 Coding for Kids teacher award.

- 2019 First place winner in at the Jordan University of Science and Technology Programming Marathon award (First place).

- Graduated from the Computer Science masters degree with honor.

Programming Languages

- Python: Excellent Skills.

- C++, C and C: Very good.

- SQL

Languages

- Arabic: Native speaker

- English: Fluent

Life Activities

- Sport: Zomba Dance, Cardio, Yoga and Basketball.

- Flowers Caring and creating hand made useful stuff.

Referees

- Qanitah Bani Baker, Thesis Supervisor, Computer Science Department, Jordan University of Science and Technology (JUST), Irbid, Jordan, Mob. (+962) 27201000. E-mail (qmbanibaker@just.edu.jo). Website: http://sites.google.com/view/qanita/home.

- Wail Mardini, Department Chairman, Computer Science Department, Jordan University of Science and Technology (JUST), Irbid, Jordan, Mob. (+962) 27201000, Ext: 22666. E-mail (mardini@just.edu.jo). Website: http://www.just.edu.jo/eportfolio/pages/default.aspx.

- Malak Abduallah, Deputy Director of the Computer Center at Jordan University of Science and Technology (JUST), Irbid, Jordan, Mob. (+962) 27201000. E-mail (mabdullah@just.edu.jo). website: http://sites.google.com/view/malak-abdullah/home.

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