

Yazan Alomari

Researcher, PhD Scholar

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ACADEMIC DEGREES

- Sep.2020-** **Ph.D. Candidate in Computer Science**
IoT, I4.0 in Manufacturing and Production
Eötvös Loránd University, Hungary
- Feb.2015 – Feb.2017** **M.Sc. in Computer Engineering**
Master thesis: A Novel Blind and Fragile Digital Image Watermarking Technique
Based on DWT-SVD
Eastern Mediterranean University Famagusta, Cyprus
- Sep.2010 – June.2014** **B.Sc. in Computer Information System**
Title of thesis: Mobile and Web based System for Bus Trip Reservations and Scheduling
Enhancement
Hashemite University Alzarqa, Jordan

WORKPLACES

- Nov. 2019 – June. 2019** **Research and Development Engineer**
Almira Teknoloji
Istanbul, Turkey
- March.2015 – Feb. 2017** **Research and Teaching Assistant**
Eastern Mediterranean University
Famagusta, Cyprus
- Sep.2013- Feb. 2014** **Linguistics /Quality Assurance**
Oracle Academy, Carnegie Mellon University

RESEARCH INTERESTS

- **IoT I4.0:** Big Data Analytics, Data models, Tiny/small databases for IoT devices, underpin solutions that improve decision-making and productivity in manufacturing, IoT protocols in the development process of cyber physical manufacturing systems.
- **Theory, Algorithms:** design and analysis of algorithms and data structures, continuous and discrete optimization, randomization, approximation, fairness.
- **AI: Computer Vision:** tracking, object recognition, 3D reconstruction, physics-based modelling of shape and appearance, computational photography, content-based image retrieval and human motion analysis.

LANGUAGES

- Arabic: Native
- English: Fluent IELTS Academic *6.5 Score*
- Turkish: Intermediate

SOFTWARES

- Programming: Python, C/C++, JavaScript, PLC
- Mathematics and simulations: Matlab/ Simulink, R
- Experienced with OpenCV, TensorFlow, Keras, NumPy, SciPy, Scikit-Learn, Pandas, Hadoop, Linux
- Computer Vision, Digital Image Processing, Watermarking, Steganography