

RAMI HODROB

 Palestine

 Lives in Palestine

Arab American University



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- **Education:**

PhD Information and Communication Technology Economics Title: The Impact of Information and Communication Technology (ICT) on Economic Growth, Czech University of Life Sciences Prague, Prague, Czech Republic, 2016

Master's Degree in Computing, knowledge Engineering Title: On Using a Graphical Notation in Ontology Engineering, Birzeit University, 2012.

Master's Degree in Business Administration, An-Najah National University, 2003.

Bachelor Degree Science in Electronic Engineering, Yarmouk University, Irbid, Jordan, 1994.

- **Academic experience:**

Arab American University (AAUP), Full-time Assistant Professor at the Faculty of Engineering and Information Technology, 2016 – Present.

Arab American University (AAUP), Assistant of VP for academic affairs, 2019-Present.

Arab American University (AAUP), Head of Information Technology Department, 2018-2019.

Arab American University (AAUP), Coordinator of Computer Information Technology department, 2014-2015.

Czech University of Life Sciences Prague, PhD researcher, 2013-2016.

Arab American University (AAUP), Full-time instructor at the Department of Computer Information Technology, 2003-2012.

Quads Open University, Lecturer, 2003-2007.

- **Non-academic experience:**

Jerusalem Technology Systems (JTS), Nablus, Palestine, Computer Engineer, 1999-2003.

Sukhtian Company, Nablus, Palestine, Biomedical Engineer, 1995-1996.

- **Professional registrations:**

- Member of Arab American University (AAUP) council 2009/2010.
- Union of Workers in Palestinian Universities
- Member of Engineering and Information Technology Faculty Council at Arab American University-Jenin Palestine.
- Committee Member of Master Program in Computer Science Committee.
- Committee Member for Educational Outcomes of Courses, the Arab American University.

- **Current membership in professional organizations:**

- Member in the Jordanian Engineering Association.
- Committee Member for Organizing the First Lego League (FLL), the Arab American University.
- Member in Attil Charitable Kindergarten & Association.
- Member in Palestinian Autism Center.

- **Honors and awards:**

Distinctive with average 94% in Master's Degree in Computing, Birzeit University, 2012.

- **Activities:**

- Training subject: installation and maintenance of medical and electronic equipment Period: 7 months June 1993- December 1993. From: Sukhtain co. wide distributed company in Jordan, Palestine and Saudi Arabia.
- Networking: Training subject: administering Windows 2000: an introduction to windows 2000 server & windows workstation in real world situation, administer the Windows NT operating system using its utilities and functions and supporting Windows NT 4.0 core technologies.
- EDACS administration: Training course in the field of administrating of EDACS administration in private radio systems training center of Ericsson inc. in U.S.A Period: august 1998.
- INMARSAT communication: Training in the field of encrypted communication using Inmarsat satellite in U.S.A Period: November 1998.
- JAVA Programming: at AAUJ.
- Graphics Design and Communication at APTECH training Institute, INDIA Period: January 2007- February 2007.
- Technology Entrepreneurship – Theory to practice seminar by Intel Education, Ramallah Palestine, July 2008.
- Training of trainers (TOT) – Entrepreneurship and Business plan- by Birzeit University and Spark institution, Ramallah-Palestine, June 2011.
- Business and Innovation Support Organization- by European Investment Bank, Ramallah Palestine, from April to August 2011.
- Virtual Reality as an Innovative and Immersive Learning Tools for HEIs in Palestine / TESLA [Erasmus+]: (2017-2020) the project will focus on developing different modules in Virtual Reality in educational context for a number of courses such as Physics lab, Chemistry, Topology, and Geology. Erasmus+ funds the project.

- **Important publications and presentations from the past five years:**

- Maree, M., Hodrob, R., Belkhatir, M., & Alhashmi, S. M. (2020). A Knowledge-based Model for Semantic Oriented Contextual Advertising. KSII Transactions on Internet and Information Systems (TIIS), 14(5), 2122-2140.
- Hodrob, R., Ewais, A., & Maree, M. (2019, July). On Developing a Framework for Knowledge-Based Learning Indicator. In Intelligent Decision Technologies 2019: Proceedings of the 11th KES International Conference on Intelligent Decision Technologies (KES-IDT 2019) (Vol. 1, p. 27). Springer.
- Amria A., Ewais A. and Hodrob R. (2018). A Framework for Automatic Exam Generation based on Intended Learning Outcomes. In Proceedings of the 10th International Conference on Computer Supported Education - Volume 1: CSEDU, ISBN 978-989-758291-2, pages 474-480. DOI: 10.5220/0006795104740480.
- Hodrob, R. (2017). The Impact of Foreign Direct Investment on Palestinian Economic Growth. International Journal of Economics and Financial Issues, 7(4).
- H Hodrob, R., & Awad, S. (2016). ECONOMETRIC ANALYSIS OF THE IMPACT OF ICT ON ECONOMIC GROWTH FOR QATAR IN GLOBALIZATION CONTEXT. In Proceedings of the International Scientific Conference Globalization and Its Socio-Economic Consequences (Part III.), 2016, p. 654, ISBN 978-80-8154-191-9.
- Hodrab, R., Maitah, M., Luboš, S. (2016). The Effect of Information and Communication Technology on Economic Growth: Arab World Case. International Journal of Economics and Financial Issues, 2016, 6(2), 765-775.

- **Most recent professional development activities:**

- Internal Examiner, Master Thesis titled with “Intelligent Medical Diagnosis and Decision Support Model Based on Neural Networks and Rule Based System”, Arab American University-Palestine. 2020.
- Main Supervisor, Master Thesis titled with “Health Information security and privacy in the Palestinian Ministry of Health”, Arab American University-Palestine. 2020.
- Co Supervisor, Master Thesis titled with “The impact of Health Information System downtime on the delivery of healthcare services to emergency patients in public hospitals in the north of the west bank”, Arab American University-Palestine. 2020.
- Developing a Framework for Knowledge-Based Learning Indicator.
- Contribute in proposing A Knowledge Model for Semantic Advertising.
- Co Supervisor, Master Thesis titled with “Prediction of Stock Markets Price Using Hybrid Intelligent System”, Arab American University-Palestine. 2019.
- Propose ECG monitoring and analysis system.