

OMAR RAWASHDEH

University of Cincinnati, PhD in Computer Science

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Dedicated PhD graduate eager to put analytical and problem-solving skills to practice in a professional setting. Skilled at gathering and analyzing data for research with keen eye for accuracy. Skilled at conducting research, managing projects and assisting with course materials. Strong problem-solving skills and committed to staying current with best practices and trends in higher education.

Software		Education
Microsoft Office (Word, Excel, PowerPoint) ★★★★★	08, 2016-04, 2024	Doctor of Philosophy: Computer Science <i>University of Cincinnati, Cincinnati, Ohio, USA</i> Dissertation title: Bio-inspired approach for the development of antimalware system
Web (HTML) ★★★★★	01, 2009-12, 2014	Master of Science: Biological Sciences <i>Yarmouk University, Irbid, Jordan</i> Thesis title: Levels of trace metals in a Commercial Fish Species <i>Euthynnus affinis</i> (Mackerel Tuna) Collected from The Gulf of Aqaba in Red Sea
Google Drive (Docs, Sheets, Slides, Forms) ★★★★★	08, 2004-08, 2008	Bachelor of Science: Biological Sciences <i>Yarmouk University, Irbid, Jordan</i>
Hardware Skills (Network configuration, software installation, security, tech support, updates, research, DHCP, WAN/LAN, Windows, Linux/Unix, Ubuntu, AI/machine learning) ★★★★★		Work History
Advanced Computer Skills (data structures, coding, machine learning, debugging) ★★★★★	01, 2018-05, 2023	Graduate Assistantship <i>University of Cincinnati, Cincinnati, Ohio</i> -Assisted in data collection and interpretation for academic publications. -Analyzed acquired information and presented to professors. -Evaluated and interpreted data from experiments and surveys to support research project. -Administered coursework, tutored, taught and delivered classes, graded assignments, and provided constructive feedback. -Checked assignments and provided grades according to university standards.
Programming Languages (MATLAB, Java, C++, Visual Basic, C#, Python) ★★★★★	08, 2014-12, 2016	Secondary and High School Teacher <i>Yarmouk University Model School, Irbid, Jordan</i> -Planned, developed and executed lessons reflecting high school curriculum and core educational standards.

Skills			-Created study guides, research materials and syllabi for students. -Distributed and collected classroom materials such as worksheets, quizzes, and tests. -Utilized organized, methodical and technical approach to teaching concepts. -Fostered positive and pleasant classroom culture while maintaining learning development goals.
Academic Research	★★★★★		
Lab work	★★★★★		
Data analysis	★★★★★		
Technology savvy	★★★★★	01, 2013-05, 2014	Secondary and High School Teacher (Government Schools) <i>Schools of the Directorate of Education and Teaching in Taybah & Wastiyah, Irbid, Jordan</i> - Distributed and collected classroom materials such as worksheets, quizzes, and tests. -Fostered positive and pleasant classroom culture while maintaining learning development goals.
Languages			
Arabic	★★★★★		
English	★★★★★		
			Publications
		2022	Rawashdeh O., Rawashdeh RY., Kebede T., Kapp D., Ralescu A. Bio-informatic analysis of CRISPR protospacer adjacent motifs (PAMs) in T4 genome. <i>BMC Genomic Data</i> 23 (1), 1-10.
		2021	Rawashdeh O., Ralescu A., Kapp D., Kebede T. Single property feature selection applied to malware detection. <i>NAECON 2021-IEEE National Aerospace and Electronics Conference</i> , 98-105
		2021	Rawashdeh O., Rawashdeh A., Rawashdeh M. Comparative Evaluation of several Classification Algorithms on News Posts using Reddit Social Network Dataset. <i>Future of Information and Communications Conference (FICC)</i> 1363, 1003-1026
			Certificate
			-The DAAD Sponsored Project: Establishment of a Middle Eastern Biodiversity Research, Training and Conservation Network. 2007. A Training Course in Biodiversity in Amman and Aqaba, Jordan. -Light Microscopic Techniques Marine Science Station (Aqaba). 2013.
			Interests
			Programming, Watching documentaries, Reading
			References available upon request.