

## RESUME

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### NASHAT TAHA M. AL-JALLAD

Assistance Professor of Information Systems

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### Professional Summary

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I have a strong motivation to pursue career and research in frontier areas of data science, machine learning (ML) and intelligent computing. After more than 5 years' experience as researcher, and 14-years' as lecturer at Palestine Technical University (PTUK) - Information Technology department. I developed an extensive experience in working on projects that involve machine learning and pattern recognition and data mining. In addition, I have good experience in designing databases and analyzing data and building prediction models in different areas including education and medicine, and fraud detection.

### Personal Profile

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<b>Full Name</b>	Nashat Taha M. Al-Jallad
<b>Date of Birth</b>	04/04/1973
<b>Nationality</b>	Palestine
<b>Marital Status</b>	Married
<b>Linguistic Ability</b>	Arabic, English, China, and Hebrew
<b>Present Address</b>	Faculty of Computer Science and Technology, Palestine Technical University-kadoorie, Tulkarem, Palestine

### Qualifications

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<b>09/2015-06/2019:</b>	Ph.D., Computer Science, Wuhan University of Technology, Wuhan, China, Advisor: Xu Ning, Thesis title: A Fuzzy Dynamic Ensemble Selection to Predict Students' Retention in STEM Programs.
<b>09/2008-06/2011</b>	M.Sc., Informatics, Palestine Polytechnic University, Hebron, Palestine.
<b>09/1996-06/2000</b>	B.Sc., Computer Information System, Al-Quds Open University, Tulkarem, Palestine.

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<b>09/1996-06/2000</b>	B.Sc., Computer Information System, Al-Quds Open University, Tulkarem, Palestine.

## Professional Experiences

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<b>2009 - Now</b>	Faculty membership at Palestine Technical University - Kadoorie, Tulkarem.
<b>2009 - 2011</b>	Faculty membership at Palestine Technical College - Al-Arroub, Hebron.
<b>2006 - 2007</b>	<ul style="list-style-type: none"><li>- Membership of the College Council, as a representative of the academic body.</li><li>- Membership of the Graduate Directory Committee.</li><li>- Membership of the technical committee of the college's website.</li></ul>
<b>2004 - 2009</b>	Faculty membership at Palestine Technical College - Kadoorie, Tulkarem.
<b>2000 - 2003</b>	Full time Software developer at the Noursoft Software Development Co.

## Training and Certifications

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<b>Jan, 2013</b>	Java Server Pages (JSP), and Web Server Management. Held at Palestine Technical University- Ramallah in cooperation with Headway Academy for Training and Development, 60 hours.
<b>April, 2005</b>	Software Development Management. Held at an-Najah National University in cooperation with the Islamic University of Gaza & Ministry of Health, 136 hours.
<b>July, 2004</b>	Oracle 9i Database Administrator Certified Associate (DBA), ORACLE Co.
<b>Aug, 2003</b>	Web site Developer, Held at Palestine Economic council for development and reconstruction (NIIT), 150 hours

## Research Interests

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Data Mining, soft computing and fuzzy logic, Educational data mining, Machine Learning, Hybrid Modeling, Ensemble Learning, Deep Learning, Transfer Learning, Text Mining, Sentiment Analysis, Time Series Forecasting, Image Processing and Pattern Recognition, Object Detection, Video classification, and Big Data.

## Courses Taught

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Database, Data Mining, Machine Learning, System Analysis and Design, Design and Analysis of Algorithm, Data Structure, Object Oriented Programming Using (C#, java, C++), Visual Programming (VB.NET), Software engineer, Operating System, Multimedia Communication, Computer Networks, Web Technologies, Mobile Technologies (android/flutter), e-commerce (Sopyify/eCommerce-wordpress), Management Information systems.

## Publication

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1. **Nashat T. Al-Jallad**, Xu Ning, and Mergani A. Khairalla, "An Interpretable Predictive Framework for Students' Withdrawal Problem Using Multiple Classifiers," *Engineering Letters*, vol. 27, no.1, pp1-8, 2019.
2. **Nashat T. AL-Jallad**, Xu Ning, Mergani A. Khairalla, Mohammed A.A. Alqaness, "Predicting Dropout Vs. Transfer Students using Different Machine Learning Methods", *TTEM*, Vol. 13 – no. 1, 2018.
3. **Nashat T. Al-Jallad**, Xu Ning, Mergani A. Khairalla, Mohammed A.A. Alqaness, "Rule mining models for predicting dropout/stopout and switcher at college using satisfaction and SES features", *International Journal of Management in Education*, 13(2), pp. 97–118.
4. **Nashat T. Al-Jallad**, Xu Ning, Mergani A. Khairalla, Al-qaness Mohammed, "A Novel Data Classification Approach Using Fuzzy Logic", *Proceedings of 2017 International Symposium on Computer Science and Artificial Intelligence (ISCSAI)* pp.36-39,2017.
5. Khairalla, M.A., N. Xu, and **N. Al-Jallad**, "Modeling and Optimization of Effective Hybridization Model for Time-Series Data Forecasting". *Journal of Engineering*, 2018.
6. Khairalla, M., Ning, X., **AL-Jallad**, N., & El-Faroug, M. (2018). "Short-term forecasting for energy consumption through stacking heterogeneous ensemble learning model". *Energies*, 11(6): p. 1-21,2018.
7. Khairalla, M. A., & **AL-Jallad**, **N. T.** "Evaluating Weight Estimation Methods for Hybrid Prediction Using Linear Combination Scheme". *Engineering Letters*, 26(3), 2018.
8. Khairalla, X. N. M., & **AL-Jallad**, **N. T.** (2017). "Hybrid Forecasting Scheme for Financial Time-Series Data using Neural Network and Statistical Methods". (*IJACSA*) *International Journal of Advanced Computer Science and Applications*, 8.
9. Abbasi, A. A., Shahab, S., Al-qaness, M. A., Abbasi, A., & **Al-Jallad**, **N.** "Resource-Aware Network Topology Management Framework". *Resource-Aware Network Topology Management Framework*. Preprints 2019, 2019050174
10. **Nashat Al-Jallad**, Faisal Khammash, "Intelligent Security Model and Implementation on SOA Firewall" (2010)
11. Indoor Human Activity Recognition Method Using Csi Of Wireless Signals.", *Proceedings of 2017 International Symposium on Computer Science and Artificial Intelligence (ISCSAI)* pp. 49-51,2017.
12. **Nashat AL-Jallad**, Mahmoud Al-Saheb, Yaqoub Ashhab. A Web-Based Biological Data Mining Tool Based on Gen Ontology and Protein Interaction Pathways. 2nd

Conference on Biotechnology Research and Applications in Palestine, 26-27th September 2010.

13. **Nashat T. Al-Jallad**, Xu Ning, and Mergani A. Khairalla. "A Novel Fuzzy Rule Classifier (FURIA+) for multiclass imbalanced datasets". IEEE Access (2019) (Under Review in SCI index).

**Declaration:** I hereby declare that all the details furnished above are true to the

Best of my knowledge and belief.

Nashat T. AL-Jallad