

Loai Medhat Alnemer

Computer Information System Department, University of Jordan, Amman, Jordan

Personal Information



Name: Loai Medhat Awni Alnemer
Date of Birth: 14/1/1979
Nationality: Jordanian
Marital Status: Married
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Fields of specialization

Bioinformatics
Datamining
Machine Learning
Biometric authentication

Educational Background

Ph.D. 2011, Data Mining in Bioinformatics, North Dakota State University, USA
M.A. 2006, Computer Science, University of Jordan
B.S. 2001, Computer Science, University of Jordan

Ph.D. Thesis title

Significance of classification results in bioinformatics applications

M.Sc. Thesis title:

Speaker identification techniques using histogram based method

Employment History

9/2015-Present: Assistant Dean for Online Exams, King Abdullah II School For IT, University of Jordan, Amman, Jordan.

12/2013-9/2015: Assistant Dean for Lab Affairs, King Abdullah II School For IT, University of Jordan, Amman, Jordan.

12/2011 – present : Assistant Professor, Computer Information Systems Department, University of Jordan, Amman, Jordan

4/2003-12/2006: Teaching Assistant, Computer Information System Department, University of Jordan

4/2003-12/2006: Online exam adminisitrator, University of Jordan

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9/2001-4/2003: Lab supervisor, ICDL tester, and online exam developer, King Abdullah II school for IT, University of Jordan

1/2001-9/2001: Programmer, Smartsoft company, Amman, Jordan

Teaching Experience:

Teaching Assistant/University of Jordan (2002-2006)

Assistant Professor/University of Jordan (2011-present)

Taught Courses:

A. Undergraduate Courses

Introduction to Database
Documentation and Ethics
Object Oriented Programming II
Visual Programming
Computer Skills for Humanities
Computer Skills for Medicine
Information Security and Privacy

B. Graduate Courses

Machine Learning.
Algorithms

Publications:

2016

- **Loai M. Alnemer, Lama Rajab, Ibrahim Aljarah. "Conformal Prediction Technique to Predict Breast Cancer Survivability". To appear in IJAST Vol 96 November 2016.**
- **Ishaq Sandoqa, Fawaz Alzghoul, Hamad Alsawalqah, Isra Alzghoul, Loai Alnemer, Mohammad Akour. "Statistical Debugging Effectiveness as a Fault Localization Approach: Comparative Study", Journal of Software Engineering and Applications, 9:8, 2016.**
- **Jamal Alsakran, Nouh Alhindawi, Loai Alnemer. "Parallel coordinates metrics for classification visualization" 7th International Conference on Information and Communication Systems (ICICS) IEEE, 2016.**

2015

- **AM Al-Abdallat, MA Ali-Sheikh-Omar, LM Alnemer. "Overexpression of two ATNAC3-related genes improves drought and salt tolerance in tomato (Solanum lycopersicum L.)", Plant Cell, Tissue and Organ Culture (PCTOC), 120:3, 2015.**

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2014

- Andrzej K Noyszewski, Farhad Ghavami, Loai M Alnemer, Ali Soltani, Yong Q Gu, Naxin Huo, Steven Meinhardt, Penny MA Kianian, Shahryar F Kianian. "Accelerated evolution of the mitochondrial genome in an alloplasmic line of durum wheat" *BMC genomics*, 15:67, 2014.

2013

- Aisha Mousa, Hazem Hiary, Raja Alomari, and Loai Alnemer. "Smart Braille System Recognizer", *IJCSI International Journal of Computer Science Issues*, Vol. 10, Issue 6, No 1, November 2013.
- Loai M. Alnemer, Raed I. Seetan, Filippo M. Bassi, Charith Chitraranjan, Adam Helsene, Paul Loree, Steve Bou Goshn, Yong Q. Gu, Ming-Cheng Luo, M. Javed Iqbal, Gerard R. Lazo, Anne M. Denton, Shahryar F. Kianian. "*Wheat Zapper: a flexible online tool for colinearity studies in grass genomes*", *Functional & Integrative Genomics*, March 2013. IF: 2.84
- Monika K. Michalak de Jimenez, Filippo M. Bassi, Farhad Ghavami, Kristin Simons, Rissa Dizon, Raed I. Seetan, Loai M. Alnemer, Anne M. Denton, Münevver Dođramacı, Hana Šimková, Jaroslav Doležel, Kiran Seth, Ming-Cheng Luo, Jan Dvorak, Yong Qiang Gu, Shahryar F. Kianian. "A radiation hybrid map of chromosome 1D reveals syntenic conservation at a wheat speciation locus". *Functional & Integrative Genomics*, March 2013. IF: 2.84

2011

- Omar Al-Azzam, Jianfei Wu, Loai Al-Nimer, Charith Chitraranjan, Anne Denton, "A weighted density-based approach for identifying standardized items that are significantly related to the biological literature", *Text Mining Workshop in conjunction with the Eleventh SIAM International Conference on Data Mining*, Mesa AZ, 30 April 2011.
- Loai M. Alnemer, Omar Al-Azzam, Charith Chitraranjan, Anne M. Denton, Filippo M. Bassi, Muhammad J. Iqbal, Shahryar F. Kianian, "Multiple Sources Classification of Gene Position on Chromosomes Using Statistical Significance of Individual Classification Results," *icmla*, vol. 1, pp.7-12, 2011 10th International Conference on Machine Learning and Applications and Workshops, 2011
- Omar Al-Azzam, Loai Alnemer, Charith Chitraranjan, Anne M. Denton, Ajay Kumar, Filippo Bassi, Muhammad J. Iqbal, Shahryar F. Kianian, "Network-Based Filtering of Unreliable Markers in Genome Mapping," *icmla*, vol. 1, pp.19-24, 2011 10th International Conference on Machine Learning and Applications and Workshops, 2011
- Charith D. Chitraranjan, Loai Alnemer, Omar Al-Azzam, Saeed Salem, Anne M. Denton, Muhammad J. Iqbal, Shahryar F. Kianian, "Frequent Substring-Based Sequence Classification with an Ensemble of Support Vector Machines Trained Using Reduced Amino Acid Alphabets," *icmla*, vol. 2, pp.180-185, 2011 10th International Conference on Machine Learning and Applications and Workshops, 2011

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2010

- Jianfei Wu, Loai Al Nimer, Omar Al Azzam, Charith Chitraranjan, Saeed Salem, Anne M. Denton, "Sequential Data Clustering," In Proc. 10th International Conference on Machine Learning and Applications (ICMLA 2010), pp. 1015-1020, Washington DC, 12-14 Dec. 2010.
- Loai M. Alnemer, Jianfei Wu, Omar Al-Azzam, and Anne M. Denton, "A density-based algorithm for evaluating the statistical significance of individual classification results," in Proc. 16th ACM SIGKDD Conf. on Knowledge Discovery and Data Mining: BLOKDD Workshop, Washington DC, 25-28 July 2010.