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<b>Research interest</b>	I am interested in problems related to machine learning and data mining. I already worked on problems related to recommender systems, complex networks, sentiment analysis, image captioning and object detection.
<b>Teaching interest</b>	Data Structures, Artificial Intelligence, Machine Learning, Theory of computation, Programming Languages, Recommender systems.
<b>Education</b>	<p><b>Doctor of Philosophy in Computer Science</b> University of Tsukuba, Japan. March, 2009. Dissertation: “Interactive multi-ethnic faces drawing based on verbal description with learning”.</p> <p><b>Master of Science in Computer Science</b> Institut National d’Informatique (INI), Algeria. February, 2005.</p> <p><b>Bachelor of Science in Computer Science</b> Institut National d’Informatique (INI), Algeria. October, 2001.</p>
<b>Scholarship</b>	I received Monbukagakusho scholarship (from 2004 to 2008) from the Ministry of Education, Culture, Sports, Science and Technology of Japan.
<b>Professional appointments</b>	<p><b>Assistant Professor at King Saud University</b> College of Computer and Information Sciences. Computer Science department. From September 2011 – present.</p> <p><b>Visiting Foreign Researcher</b> Humanistic system lab, University of Tsukuba. From 2010 to 2011</p> <p><b>Doctor Special Researcher</b> Humanistic system lab, University of Tsukuba. From 2009 to 2010</p>
<b>Committees</b>	<p>Convener of the department scheduling committee for female faculty members (Since 2014) – Computer science Dept. – KSU</p> <p>Member of PhD Faculty Schedules committee (Fall 2019) – Computer science Dept. – KSU</p> <p>Member of Equipment and Facilities committee (Fall 2019) – Computer science Dept. – KSU</p> <p>Member of the Capstone Review Committee (Fall 2013) – Computer science Dept. – KSU</p> <p>Member of exit Survey Committee (Fall 2013) – Computer science Dept. – KSU</p> <p>Member of the man power committee (Fall 2012-Spring 2013) – Computer science Dept. – KSU</p> <p>B.S. Curriculum Development and refinement Committee (Spring 2011-Fall 2013) – Computer science Dept. – KSU</p>
<b>Activities and services</b>	Reviewer for some international conferences.

## Recent Publications

Rana M. Alaqil , Jaida A. Alsuhaibani, Batool A. Alhumaidi, Raghad A. Alnasser, Rahaf D. Alotaibi, Hafida Benhidour, Automatic Gun Detection From Images Using Faster R-CNN, The First International Conference of Smart Systems and Emerging Technologies (SMARTTECH 2020), Riyadh, Saudi Arabia, 2020, pp 149-154.

Kerrache, Said, Ruwayda Alharbi, and Hafida Benhidour. "A Scalable Similarity-popularity Link prediction Method.", Scientific reports 10.1 (2020): 1-14.

G Alabduljabbar, N Alrowais, H Benhidour, Collaborative Filtering Recommendation based on Rating Habits and Items' Attributes, International Journal of Simulation--Systems, Science & Technology 21 (2), 2000.

Aldayel, Mashael and Hafida Benhidour. "Product Recommendation in Case-based Reasoning." 2019 2nd International Conference on Computer Applications & Information Security (ICCAIS) (2019): 1-6.

S. Al-Hadhrani, N. Al-Fassam and H. Benhidour, "Sentiment Analysis Of English Tweets: A Comparative Study of Supervised and Unsupervised Approaches," 2019 2nd International Conference on Computer Applications & Information Security (ICCAIS), Riyadh, Saudi Arabia, 2019, pp. 1-5.

Reham Alskireen, Dr. Said Kerrache and Dr. Hafida Benhidour, "An Automated Advice Seeking and Filtering System " International Journal of Advanced Computer Science and Applications(IJACSA), 10(2), 2019.

Huda A. Al-muzaini, Tasniem N. Al-yahya and Hafida Benhidour, "Automatic Arabic Image Captioning using RNN-LSTM-Based Language Model and CNN" International Journal of Advanced Computer Science and Applications(IJACSA), 9(6), 2018.

Alharbi Ruwayda; Hafida Benhidour; Said Kerrache, "Link Prediction in Complex Networks Based on a Hidden Variables Model", 18th International Conference on Computer Modelling and Simulation (UKSim-AMSS), Cambridge, United Kingdom, April/2016, pages 119-124.

Alharbi Ruwayda; Hafida Benhidour; Said Kerrache, "Scalable Link Prediction in Complex Networks Using a Type of Geodesic Distance", 1st Asia Multi Conference on mathematical modelling and computer simulation, Sabah, Malaysia, December/2016.S

Kerrache, H Benhidour, "The Effect of State Space Clustering on the Performance of Simulated Annealing and Its Topology-Aware Variant", 17th UKSIM-AMSS International Conference on Modelling and Simulation, 182-187,2015.

S Kerrache, H Benhidour, "Topology-Aware Simulated Annealing", 2nd International Conference on Artificial Intelligence, Modelling and Simulation (AIMS), pp 19-24, 2014.

Said Kerrache, Hafida Benhidour, Sahar Al-Homaidhi, "An Optimal Transport-based Approach for Crowd Evacuation", 5th International Conference on Computational Intelligence, Modelling & Simulation, CIMSIm2013, pp.142-148, South Korea, September 2013.

H.Benhidour and T. Onisawa, "Interactive Learning of Verbal Descriptors' Meaning for Face Drawing System", Journal of Advanced Computational Intelligence and Intelligent Informatics (JACIII), to appear in Vol.14 No.6, 2010.

H.Benhidour and T. Onisawa, "Interactive learning of linguistic terms meaning for face drawing system", Proceedings of SCIS & ISIS 2008, special session on Applications of Soft Computing to Human Related Problems, pp.1938-1943, September, 2008.

Hafida Benhidour, Takehisa Onisawa, "Interactive Face Generation from Verbal Description Using Conceptual Fuzzy Sets", Journal of Multimedia, Vol.3, No.2, pp.52-59, June, 2008.

H.Benhidour and T. Onisawa, "Drawing human faces using words and conceptual fuzzy sets", Proceedings of the IEEE International Conference on Systems, Man and Cybernetics, ISIC, pp.2068-2073, October, 2007.