Name- Addin Osman Mohamed Addin

Education:
- Ph. D., Intelligent Systems, University Putra Malaysia, Malaysia, 2007
- M. Sc., Software Engineering, Aalborg University, Denmark, 2003
- B. Sc., Computer Science, Istanbul University, Turkey, 1995.

Academic experience:

Assistant Professor, Department of Computer Science. Najran University, Najran, Kingdom of Saudi Arabia, Oct. 2009 – At present, Full time

Assistant Professor, Faculty of Computer Science and Business Administration, University of Medical Sciences and Technology, Sep. 2008 – Sep 2009,Full time

Assistant Professor, Faculty of Computer Science and Information Technology, University of Sciences and Technology, Khartoum, Sudan, Nov. 2007 – Oct. 2008 Full time

Department of Computer Science, Computer Man College for Computer Studies, Khartoum, Sudan. Oct. 2006 – Oct. 2007, Full time

Graduate Research Assistant, Faculty of Engineering, University Putra Malaysia, Jul. 2005 - Jun 2006, Full time

Research Fellow, Computer Science Department, Aalborg University, Denmark, Aug. 2003 - Apr. 2004,Full time

Non-academic experience

Yana International Software Company, Khartoum, Sudan, Head of the Department of Software Development, Mar. 2007 - Oct. 2009,Part time.

Promer and Bilsa Software Companies, Izmir, Turkey. Software Engineer, Sep. 1997 - Mar. 2001, Full time

Algo Software Company, Istanbul, Turkey, Programmer, Sep. 1995 - Sep. 1997, Full time

Certifications or professional registrations - none
Current membership in professional organizations : none

Honors and awards

Danish Government and the Company of Hewlett Packard(): Master of software engineering. 2001 – 2003

The Turkish Government Scholarship: 1 year to study Turkish language and 4 years for B.Sc. in Computer Science at Istanbul University. 1990 – 1995

Service activities (within and outside of the institution)

Teach Computer Science courses to students of undergraduate levels.

Supervise final year projects in the college.

Design course syllabuses for Computer Science program.

Evaluate students performance based on quiz, tests, projects and presentations etc.

Analyze requirements to fulfill procedural activities for Accreditation Board for Engineering and Technology (ABET).

Collaborate with international universities for higher studies of NU students and TAs.
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Conducted Courses: Design Analysis of Algorithm, Computer Graphics, Compiler Design, Theory of Computation, Programming Language 2, Software Project Management..

Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

1. Bloom's Taxonomy–Based Classification for Item Bank Questions Using Support Vector Machines, SpringerLink, Modern Advances in Intelligent Systems and ToolsStudies in Computational Intelligence, 2012, Volume 431, 135-140, 2012.
2. Automatic Classification of Questions into Bloom's Cognitive Levels Using Support Vector Machines, The 12th International Arab Conference on Information Technology, Naif Arab University of Security Sciences, Part I , 302-307, 11-14 December 2011.
3. Survey on University Courses Timetable Scheduling Problem,Journal of Computing, Volume 3, Issue 9, pp. 85-90, USA, 2011.
4. Feature Selection for High Dimensional Data: An Evolutionary Filter Approach, Journal of Computer Science, 7(5), pp. 800-820, USA, 2011.
5. Comparison of Naïve bayes Classifier with Back Propagation Neural Network Classifier Based on f - folds Feature Extraction Algorithm for Ball Bearing Fault Diagnostic System, International Journal of the Physical Sciences, Vol. 6(13), pp. 3181-3188, July, 2011.
6. Comparative Analysis of Software Performance Prediction Approaches in Context of Component-based System, International Journal of Computer Applications, Volume 23, No. 3, pp. 15-22, Hong Kong, June 2011. 7. دراسة و مقارنة حول اسانية توقع الاداء نهنظم نمؤسسة
انمكونات عهى , Communications of the Arab Computer Society, Vol. 4, No.1, 2011

Briefly list the most recent professional development activities

Teach Computer Science courses to students of undergraduate levels.
Supervise final year projects in the college.
Design course syllabuses for Computer Science program.
Evaluate student performance based on quiz, tests, projects and presentations etc.
Analyze requirements to fulfill procedural activities for Accreditation Board for Engineering and Technology (ABET).
Collaborate with international universities for higher studies of NU students and TAs.
Conducted Courses: Design Analysis of Algorithm, Computer Graphics, Compiler Design, Theory of Computation, Programming Language 2, Software Project Management