

NASEEBAH MAQTARY

Curriculum Vitae

North Sixty St. Sana'a, Yemen

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PERSONAL PROFILE

Lecturer and researcher with 25+ years of experience teaching courses in both graduate, undergraduate and diploma levels. Supervised 30+ BA theses and 2 MSc theses. Published over 3 papers and articles in conferences' proceedings and peer-reviewed journals. A reviewer in peer-reviewed journals and conferences.

CURRENT POSITION

Jan., 2025 – Present – Principal of AI program, CS Department, University of Science and Technology

Jan., 2021 - Present – Head of CS Department, CS Department, University of Science and Technology

Oct., 2020 - Present – Assistant Professor, CS Department, University of Science and Technology

EDUCATION

Oct., 2020 - Ph.D. in Computing, Faculty of Computing and IT, University of Science and Technology

Thesis: Automated Group Formation in CSCL Environments, Grade: Excellent

Supervisor: Kamal Bechkoum and Abdulqader Mohsen

July., 2007 - M.Sc. in Computer Science, Faculty of Science and Engineering, University of Science and Technology

Thesis: The impact of different conditions on face recognition using eigenfaces, Grade: Excellent, Supervisor: Ali Alhamdi

Jun., 2000 - B.Sc. in Computer Science, Faculty of Science, University of United Arab Emirates, Grade: Excellent with Honor.

Supervisor: Yacin Atef

ACADEMIC EMPLOYMENT

Oct., 2020 – present – Assistant Professor, University of Science and Technology, Yemen

Aug., 2007 – Sep., 2020 – Teacher Assistant, University of Science and Technology, Yemen

Oct., 2001 – Jul., 2007 – Researcher Assistant, University of Science and Technology, Yemen

PUBLICATIONS

Peer-Reviewed Journal Articles

2022 - Al-Hashedi, A., Al-Fuhaidi, B., Mohsen, A. M., Ali, Y., Gamal Al-Kaf, H. A., Al-Sorori, W., & **Maqtary, N**, "Ensemble Classifiers for Arabic Sentiment Analysis of Social Network (Twitter Data) towards COVID-19-Related Conspiracy Theories", *Applied Computational Intelligence and Soft Computing*, 2022.

2017 - **Naseebah Maqtary**, Abdulqader Mohsen and kamal Bechkoum, "Group Formation Techniques in Computer Supported Collaborative Learning: A Systematic Literature Review", *Technology, Knowledge and Learning*, 24 (2), 169-190.

AWARDS AND HONOURS

2021 – Trach Chair in ITSS-IoE Conference.

2021 – Reviewer of many conferences, ICSTA, ICOTEN, eSMART.

2021 – PC member in ArabWIC Conference.

2020 – Reviewer in IRICT Conference.

2015 – Best User of LMS, University of Science and Technology

CONFERENCES

Papers Presented

2021 – "Literature Review on Cyber Attacks Detection and Prevention Schemes". International Conference on Intelligent Technology, System and Service for Internet of Everything (ITSS-IoE), IEEE. Sana'a, Yemen, Nov, 1st, 2nd.

2021 – "Arabic sentiment analysis towards feelings among COVID-19 outbreak using single and ensemble classifiers". International Conference on Intelligent Technology, System and Service for Internet of Everything (ITSS-IoE), IEEE. Sana'a, Yemen, Nov, 1st, 2nd.

2021 – "A performance comparison of machine learning classifiers for Covid-19 Arabic Quarantine tweets sentiment analysis". 1st International Conference on Emerging Smart Technologies and Applications (eSmarTA), IEEE. Sana'a, Yemen, Aug, 10th – 12th.

2020 – "Quality of Group Formation in CSCL Environments". Computer Supported Education Conference (CSEDU2020). Prague, Czech. May, 4th.

2016 – "Towards a Framework for Developing Computing Academic Programs Based on Body of Knowledge Criteria Developed By ACM/IEEE Computing Curricula, Case Study: Computer Science Program at University of Science and Technology, Yemen". International Conference on Quality in Higher Education (ICQH 2016). Sakarya University, Sakarya, Turkey. November 24th-25th.

2009 - "Digital Watermarking using Discrete Pascal Transform". 10th Arab Conference of Information Technology (ACIDS2009). Sana'a, Yemen. Sep., 30th.

Poster Presentations

2020 – **Naseebah Maqtary**, Abdulqader Mohsen, Kamal Bechkoum. "Quality of Group Formation in CSCL Environments". CSEDU2020.

Online. 3rd - 5th May.

TEACHING EXPERIENCE

University

Graduate courses

Soft Computing

Undergraduate courses

Software Maintenance and Evolution

Project Management

Software Testing

Software Quality Assurance

IT Fundamentals

Data Structures

Artificial Intelligence

Software Engineering

Computer Graphics

Digital Image Processing

Object Oriented Programming

Database Concepts and Systems Design

Advanced Topics in Database Systems

Computer Fundamentals

Writing Technical Reports

Introduction to Programming and Problem Solving

Pascal, Java, Prolog, html, CSS, vbscript, C/C++ and Python Languages in the courses labs

Internet Programming and Concepts

NGO's Diploma

ICDL and Computer Skills

RESEARCH EXPERIENCE

2020 – Researcher in Covid19 issues under supervision of Assoc. Prof. Abdulqader Mohsen. University of Science and Technology

2009 – Researcher in Digital watermarking under supervision of Prof. Adnan Zain. University of Science and Technology

SERVICE

2025 – The Principal of the AI program, CS department in CIT.

2022 – Jan., 2025 The Principal of the SWE program, CS department in CIT.

2022 – The Head of the committee of SWE program quality assurance, CS department in CIT.

2021 – The Head of the SWE PSD Committee, CS department in CIT.

2018 – The Principal of the IT (English) program, IT department in CIT.

Feb., 2017 – May 2017 – E-course designer for artificial intelligence course in CIT.

Jan., 2017 – Jan 2018 – The head of faculty Exams Control committee in CIT.

Jan., 2016 – Jan., 2019 – The head of Labs committee for labs evaluation and enhancement.

Oct., 2013 – 2015 – The head of Accreditation department in the quality assurance and accreditation management (QAAM) at UST.

2014 – A technical reviewer for many UST programs specifications (PSD).

2014 – specify and review many computing courses specifications.

2014 – A coordinator and reviewer for the self-evaluation documents (SED) for master and PhD programs in computing, UST.

2014 – A developer of many evaluation manuals for different departments in UST such as general secretary department, girl branch and quality assurance management.

2013 – A member of the task-force committee for developing the manual of total evaluation of academic department.

2010 – 2015 – A member of the academic evaluation committee for departments and programs in the UST.

Mar., 2013 – now – A member of the Accreditation and Curricula Development committee in the faculty of Computing and Information Technology, UST.

Jan., 2010 – Oct 2013 – The head of the Accreditation and Curricula Development committee in the department of computer science, UST.

Feb., 2010- July 2012 – The charge of accreditation unit in the quality assurance and development division at UST.

Feb., 2011- Jul., 2012– The charge of the strategic accreditation project at UST.

Feb., 2011 – member of the foundation year committee.

During Aug., 2009 – A member of UST sub-committee to prepare the UST strategy for the next five years in quality assurance.

During the academic year 2008-2009 – A member of the committee of scientific department evaluation with cooperation of Quality Assurance Unit, UST, Yemen.

Aug., 2009 – Dec., 2009 – A member of the scientific committee of the computer conference held in UST by ACIT2009.

Nov., 2008 – Feb., 2013 – A member of Computer Science Curricula Committee.

During the academic year 2007/2009 – participating in preparing of program specification document for certificate of developing the academic staff in higher education- Teaching and Learning Center, UST, Yemen.

Apr., 2009 – Sep., 2009 – The Director of Teaching and Learning Center, UST, Sana'a, Yemen.

Jul., 2009 – Aug., 2009: Analyzer of the registration system of the Diploma program for academic staff development, TLC, UST, Yemen

Aug., 2008 – Mar., 2009: Principal of training and professional development unit – TLC, UST, Yemen.

2006 – 2012 – a member in curriculum committee of preparing the program specifications of the different divisions of computer science dept., UST.

Oct., 2007 – Aug., 2008 – The academic coordinator of computer science dept., Girls Branch, UST.

2001 – 2002 – Designer of a training program for SOUL Organization, Yemen.

2001 – 2002 – Preparing a project proposal for women leader's in NGO's, UST.

Sep., 2001 – Mar., 2002 – A coordinator for the NGO's Program for women leader.

Mar., 2001 – Aug., 2001 – A computer skills instructor for the NGO's program.

RESEARCHES AND PROJECTS SUPERVISION

2021 – A supervisor of MSc research concentrates on Risk Management in SWE projects.

2001- now: a supervisor of many final year projects for Bachelor and Diploma students:
Hydroponic smart system

Automated watering system
Iris recognition system
Distributed database for UST registration system.
A framework for M-learning multi agent system.
E-Exam system
A framework for E-auction system
E-Learning System: educational messenger
Face recognition system
Many other dominant database systems

OTHER ACTIVITIES AND COURSES

Design the templates of reviewing program specification and course specification, UST, 2014

Participate as a trainer in course specification in UST, 2014

Many courses in:

DevOps Course, CIT with TLC, UST, 2021

PMP Course, TLC, UST, 2018

Academic Course Assessment, TLC, UST 2017

Academic program self-evaluation – TLC, UST, 2013

Academic Performance Report – Quality Assurance and Development Unit, UST, July-2009

Program Specification Program (PSD) – TLC, UST, Nov. 2008 – Feb. 2009

Course Portfolio – TLC, UST, Nov. 2008

Students' Final Results Analysis – TLC, UST, Aug. 2008

Rubrics for Graduate Projects – TLC, UST, Jun. 2008

How to design the Exam Map – TLC, UST, Feb. 2008

Two courses in Teaching Methods – UST, 2001 and 2004

Windows NT Essentials – UAEU, 2000

Supporting Ms Windows NT 4.0 Core Technologies – UAEU, 2000

Internetworking with Ms TCP/IP for Windows NT 4.0 – UAEU, 2000

Introduction to Oracle: SQL & PL/SQL – UAEU, 2000

Oracle Database Administrator – UAEU, 2000

Participate in program specification workshops for CS and IT dept., UST, 2008 - now

Participate in program specification workshops for different programs in UST, 2010 - 2012

Participate in courses specification workshops for CS dept., UST, 2007-2014

Participate with a proposal for the university requirements, UST, 2005/2006

LANGUAGES AND SKILLS

Languages

Arabic: Native

English: Fully proficient

Technical Skills

Programmer / system developer

Data and database administrator

System analyzer

Familiar with database systems building

Familiar with quality assurance for higher education
Familiar with academic program specification and evaluation
Familiar with courses specification and evaluation
Familiar with higher education programs assessment and accreditation
Familiar with designing electronic courses (E-course).

REFERENCES

Kamal Bechkoum
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School of Business and Technology
University of Gloucestershire, UK
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Abdul Latif Haidar
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Council of Accreditation and Quality Assurance, Yemen
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Vice President of Azal University, Yemen
ammaranywhere@yahoo.com