

RESUME/CURRICULUM VITAE

Name: Nadeem Hassan

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(Link to staff profile homepage – including Skype address, LinkedIn): www.al-aqiq.com

Nationality: United States

CAREER PROFILE/SUMMARY

Over 27 years of professional work experience in Information Technology industry and academia. In industry as Information Technology Consultant have worked with Verizon Communications, New York, USA, MCI WorldCom, New York, USA, TRX Inc. Texas USA, and Pakistan International Airlines, Pakistan. In academia have worked with various Institutions of Higher Learning as Associate Professor and Visiting/Adjunct Professor including, South University, Pennsylvania USA, National University, California USA, ITT Technical Institute, Florida, USA and COMSATS Institute of Information Technology, Pakistan. During my professional career, have attended more than one hundred professional development courses and training sessions in USA and in other countries.

My travel interests led me to work on several Information Technology (IT) projects in different countries including, China, Jordan, Pakistan, Saudi Arabia, United Kingdom, United States of America and Yemen. I also got opportunities to work on joint IT projects with large organizations, including American Airlines, British Airways, Royal Jordanian Airlines, Kuwait Airways, SABRE, NCR, COMSTECH of OIC and ISESCO of OIC.

My research interests include, data science, operating systems and complex events processing. Have has taught a variety of Information Technology and Computer Science courses at graduate and undergraduate level, he has supervised postgraduate theses as well.

I'm a recipient of Science and Technology Scholarship for Ph.D. degree, QAU scholarship for Master's degree. I'm the First Class First position holder (Gold Medalist) in Bachelor's degree, have obtained several best performance awards and appreciation letters from industry and academia.

I'm member of Institute of Electrical and Electronics Engineers (IEEE) and Association for Computing Machinery (ACM).

EDUCATION/ACADEMIC QUALIFICATIONS

- 12/ 1996 Ph.D. Computer Science
Beijing University of Aeronautics & Astronautics, Beijing, China
Dissertation: Distributed Database Systems – Data Allocation and Query optimization
- 01/1987 M.Sc. Computer Science
Quaid-e-Azam University, Islamabad, Pakistan
Thesis: Incoming and Outgoing Traffic in Pakistan
- 12/1984 B.Sc. (Hons), Physics
University of Sindh, Jamshoro, Pakistan

EMPLOYMENT HISTORY

2013 – Present

Albaha University, Al-Baha, K.S.A.
Associate Professor, Computer Science

2010 – 2013

Education 24x7 Skills Development Centre, Richardson Texas U.S.A.
Director Academics

2011 – 2013

North Lake College, Irving Texas U.S.A.
Adjunct Professor, Computer Science

2010 – 2013

South University, Pittsburgh, Pennsylvania U.S.A.
Adjunct Professor Online, Computer Science and General Education

2009 – 2011

ITT Technical Institute, Tallahassee Florida U.S.A.
Chair School of Information Technology,

2009 – 2010

National University, San Diego California U.S.A.
Adjunct Professor, Online Computer Science Program

2009 – 2009

Westwood College, Fort Worth Texas U.S.A.
Adjunct Professor, Computer Science

2007 – 2009

Olivewire Technologies, Inc., Plano Texas U.S.A.
Director, Information Technology

2006 – 2007

TRX, Inc., Dallas Texas U.S.A.

Manager Quality Assurance

2003 – 2006

COMSATS University, Abbottabad, Pakistan

Associate Professor, Chairman of Computer Science

2001 – 2003

MCI WorldCom, Garden City New York U.S.A.

Analyst Programmer

2000 – 2001

Verizon Communications, Pearl River New York U.S.A.

Systems Engineer

1987 – 2000

Pakistan International Airlines, Karachi Pakistan

Analyst Programmer Programming Officer

PUBLICATIONS

- Nadeem Hassan, Putting Computer Engineering and Computer Science Programs Together - The Case of Albaha University, 12th ICCSE, Houston, Texas, IEEE Explore Digital Library, August 2017
- Nadeem Hassan, Farooq Ahmad, OptiBaha: Design of a Web Based Analytical Tool for Enhancing Quality of Education at Albaha University, International Journal of Emerging Trends in Engineering Science & Technology (IJETEST), USA, Voulmel. 1, Issue. 2, ISSN: 2476-0862, January 2017
- Nadeem Hassan, Farooq Ahmad, OptiBaha: Design of a Web Based Analytical Tool for Enhancing Quality of Education at Albaha University, ACM and IEEE sponsored World Congress on Engineering, Science and Technology, Phuket, Thailand, January, 2017
- Nadeem Daudpota, et al., Teaching and Learning Computer Science at Al Baha University, Saudi Arabia: Insights from a Staff Development Course, IEEE Explore, 2015
- Nadeem Daudpota, Fokrul Alom, Abdul Hannan, Teaching Computing Courses in an environment where English language proficiency is low, poster presentation, research done at Albaha University with faculty of Uppsala University, Sweden, 1st ABU3QCE, Albaha, Saudi Arabia, 2015
- Nadeem Daudpota, et al., "Middleware for Context-Aware Pervasive Environments: A Layered Architecture," CODEC '06, India, 2006
- Muhammad Taimoor Khan, Kashif Zia, Dr Nadeem Daudpota, Dr S A Hussain, Najma Taimoor, "Integrating Context-aware Pervasive Environments," ICET '06, International Conference on Emerging Technologies, Peshawar, Pakistan, IEEE Proceedings 2006

- Nadeem Daudpota, et al., "Consistent Two-phase commit in distributed databases," Proceedings of the 5th WSEAS Int. Conf. on Artificial Intelligence, Knowledge Engineering and Data Bases, Madrid, Spain, 2006
- Muneer Ahmad, Iftikhar Ahamed, Adeel Akram, Shahbaz Pervez, Nadeem Daudpota, "Duplicate Sequence Detection and Removal from Biological Databases," WSEAS TRANSACTION ON COMPUTERS, Issue 2, Volume 5, February 2006
- Muneer Ahmad, Shahbaz Pervez, Iftikhar Ahamed, Adeel Akram, Nadeem Daudpota, "A Recursive Algorithm for Global Alignment with Gap Consideration in a Pair of Sequences," Proceedings of the 5th WSEAS International Conference on Software Engineering, Parallel and Distributed Systems, Madrid, Spain, 2006
- F Rafique, A Sheikh Muhammad, S Iqbal, N Daudpota, "Real Time Fire Detection with Conventional Webcam," 3rd CWRC, Wah, Pakistan, 2006
- Nadeem Daudpota, et al., "A Review of Mobile Agent Security," 3rd CWRC, Wah, Pakistan, 2006
- Tassawe Iqbal, Nadeem Daudpota, "XML Based Framework for ETL Processes for Relational Databases," WSEAS Transactions on Information Science and Applications, Issue 7, Volume 3, ISSN: 1790-0832, PP. 1402-1406, 2006
- Asad Ali Safi, Muhammad Azam, Shahbaz Kiani, Nadeem Daudpota, "Online Vehicles License Plate Detection and Recognition System using Image Processing," WSEAS Transactions on Signal Processing, Issue 4, Volume 2, ISSN: 1790-5022, PP. 549-556, 2006
- Nadeem Daudpota, et al., "Energy Efficient Routing Protocols for Wireless Sensor Networks, What's Next," 2nd CWRC, ISBN: 99-8779-08-6, PP.14-23, 2005
- Nadeem Daudpota, et al., "An Approach to Improve Performance of Real Time Operating Systems," 1st CIIT Workshop on Research in Computing, Abbottabad, Pakistan, 2005
- Sheikh Muhammad Azam, Masood-ur-Rehman, Adnan Khalid Bhatti and Nadeem Daudpota, "Parallel Branch and Bound Model Using Logarithmic Sampling (PBLs)," World Academy of Science, Engineering and Technology 6 2005
- Nadeem Daudpota, et al., "PBLs for Symmetric Travelers Salesman Problem," 4th World Enformatika Conference, Istanbul, Turkey, 2005
- G. Shaheen, M.U. Malik, Z. Ihsan, N. Daudpota, "Grid Visualizer: A Monitoring Tool For Grid Environment," IEEE Proceedings of HADIS'05, 1st International Workshop on High Availability of Distributed Systems," Copenhagen, Denmark, 2005
- Kashif Bilal, Tassawar Iqbal, Asad Ali Safi and Nadeem Daudpota, "Dynamic Load Balancing in PVM Using Intelligent Application," 3rd World Enformatika Conference, Istanbul, Turkey, 2005
- Nadeem Daudpota, et al., "Securing Wireless Sensor Networks a New Approach," International Conference on Accounting and Information Technology, Taiwan, R.O.C., 2005
- Nadeem H. Daudpota, "Five Steps to Construct a Model of Data Allocation for Distributed Database Systems," Journal of Intelligent Information Systems, Kluwer Academic Publishers, USA. 11(2): 153-168, Sep. 1998
- Nadeem H. Daudpota, "A Method to Construct a Model of Data Allocation For Distributed Database Systems," International Symposium on Future Software Technology, Xian, P. R. China, Oct. 1996

PRESENTATIONS

RESEARCH FUNDS/GRANTS

SAR 34,900.00

Design of a Web Based Analytical Tool for Enhancing Quality of Education, AlBaha University, KSA

SAR 200,000.00

1st AlBaha University – Uppsala University Sweden Collaborative Symposium on Quality in Computing Education

TEACHING EXPERIENCE

2013 – Present

Albaha University, Al-Baha, K.S.A.

Associate Professor, Computer Science

2010 – 2013

Education 24x7 Skills Development Centre, Richardson Texas U.S.A.

Director Academics

2011 – 2013

North Lake College, Irving Texas U.S.A.

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Adjunct Professor, Online Computer Science Program

2009 – 2009

Westwood College, Fort Worth Texas U.S.A.

Adjunct Professor, Computer Science

2003 – 2006

COMSATS University, Abbottabad, Pakistan

Associate Professor, Chairman of Computer Science

COMMITTEES

- Team Lead, Collaboration Committee, Uppsala University Sweden and AlBaha University, KSA
- Chair, ABET Accreditation Committee for Computing Programs, AlBaha University, KSA
- Chair, Curriculum Development Committee for Computing Programs, AlBaha University, KSA
- Chair, Examinations Committee for College of CS&IT, AlBaha University, KSA
- Chair, Faculty Recruitment Testing Committee, for College of CS&IT, AlBaha University, KSA
- Member, Higher Education & Research Committee for College of CS&IT, AlBaha University, KSA
- Member, Online Degree Program Contents Development Committee, South University, USA
- Member, Course Development Committee, DCCCD, USA
- Chairman Board of Studies of Computer Science, CIIT, Pakistan
- Member Board of Faculty of Information Systems and Technology, CIIT, Pakistan
- Member Academic Council, CIIT, Pakistan
- Chair, Curriculum Development Committee, Computing Programs, CIIT, Pakistan
- Chair, Working Group, CIIT Development Plan Vision 2020, CIIT, Pakistan
- Member Curriculum Development Committee, Alama Iqbal Open University, Pakistan
- Member Selection Board Committee for Senior Faculty of Computer Science, Hazara University

AWARDS

- Ministry of Science and Technology Scholarship for Ph.D. in Computer Science from China
- Merit Scholarship for Master's in Computer Science from Pakistan
- First Class First Position (Gold Medalist), Bachelor's in Physics from Pakistan
- Appreciation Letter, NCR Corporation, Amman Jordan in recognition of my work for Royal
- Jordanian Airline at Amman International Airport, Jordan
- Appreciation Letter, Kuwait Airways in recognition of my work for Kuwait Airways at
- Heathrow Airport, London
- Appreciation Letter, Speedwing (of British Airways) for Sabre Group (USA) in recognition of my work for Pakistan International Airlines, Pakistan

SERVICE/OTHER RELEVANT EXPERIENCE/PROJECTS

PROFESSIONAL DEVELOPMENT

- | | |
|--|-----------------|
| • Accreditation & Quality in Education | FRANKLIN,USA |
| • Optimizing Teaching and Learning | UPPSALA, SWEDEN |
| • The Code of Business Conduct and Ethics for Managers | ITTESI, USA |
| • Sexual Harassment for Supervisors and Managers | ITTESI, USA |
| • Section 504 Training | ITTESI, USA |
| • Managing the Affairs of the Department | ITTESI, USA |
| • LRC Service Provider Training | ITTESI, USA |
| • Creating Employee Success | ITTESI, USA |
| • Preparing to Lead | ITTESE, USA |
| • Basic Leadership Skills | ITTESI, USA |
| • Employee Advising | ITTESI, USA |
| • Introduction to IT | ITTESI, USA |
| • Creating Student Success | EMC, USA |
| • The Code of Business Conduct and Ethics for Managers | EMC, USA |
| • Student Advising | EMC, USA |
| • Faculty Credentials | EMC, USA |
| • Using the IDEA Survey | EMC, USA |
| • FERPA | EMC, USA |
| • Student Services | EMC, USA |
| • My Students | EMC, USA |
| • Americans with Disabilities Act | EMC, USA |
| • Digital Bookshelf | EMC, USA |
| • eCampus I & II | DCCCD, USA |
| • SoftChalk | DCCCD, USA |
| • Quality Matters | DCCCD, USA |
| • Sabre UI | SABRE, USA |
| • UNIX Internals | NCR, EGYPT |
| • UNIX Operating Systems | NCR, PAKISTAN |
| • UNIX Systems Administration | NCR, PAKISTAN |
| • UNIX Files Management | NCR, PAKISTAN |
| • Systems Analysis and Design | NCR, PAKISTAN |
| • Data Communication Concepts | NCR, PAKISTAN |
| • C++ Applications Development | NCR, PAKISTAN |

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Member IEEE
- Member ACM

REFERENCES