

Salahiddin Altahat
Professional Software Engineer – Academic
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Experience:

- **Fahad Bin Sultan University, Tabuk – Saudi Arabia**
Assistant Professor (Electrical Engineering)
Aug 2017 – Present
Teach the following Electric Engineering topics:
Electric circuit I & II, Control Systems and control systems lab and C++ programming, Signals and systems.
- **Fahad Bin Sultan University, Tabuk – Saudi Arabia**
Lecturer (Electrical Engineering)
Aug 2016 – Present
Teach the following Electric Engineering topics:
Electric circuit, Control Systems, Electronics circuit lab, Electric circuit lab, control systems lab.
- **The University of Canberra, Canberra – Australia**
Sessional Academic
Jan 2012 – Dec 2015
Participate in teaching and tutoring the following courses:
Signals and Systems, Communication theory, Introduction to IT, Introduction to Network Engineering, Software Technologies I and II.
- **Saudi Arabia Cultural Mission, Canberra – Australia**
Academic Advisor
2009 – 2011
Advise Saudi sponsored students in the Australian universities, and follow up their academic progress and report regularly to their sponsors. Also, work as a liaising officer with the Australian universities and maintain a good level of cooperation with them to assist the Saudi sponsored students in their academic endeavor.
- **Orion Holding Overseas, Dubai – UAE**
Algorithmic Trading Developer
2008 –2009
Implement a linking bridge between eBroakerage software and Neuroshell Trader. Implement the live feed from CASE stock market in Egypt.
- **Estarta Solution, Amman-Jordan**
Software Engineer
2008 –2008:

- Implement specific web pages as a part of a complete GRP solution.
- **Arab Index Corporation – Jordan**
 Technical Manager
 2005–2006
 Supervise FOREX services, and follow up development tasks with the technical team.
- **ALBAHITH Technologies Amman – Jordan**
"Qualcomm Licensee"
www.albahith.com
 Senior Software Engineer
 October 2004 – November 2005
Work on Qualcomm mobile development:
 - Implementing Downloader applications using C# to download the operating system on the mobile
 - Implementing Hex to Binary conversion utility using C#.
 - Implement LCD driver gray scale 4 color.
- **MASAR Communication and advanced technologies. Amman – Jordan**
 Support Engineer: System Integrator.
 April 2004 – October 2004
 Installing and programming **AMX** control systems.
 Implement the following projects:
 - 1- British Council-Amman, Video Conference and Learning Center room.
 - 2- British Council-Damascus, Video Conference and Learning Center room.
- **LEAD Technologies Inc. Amman – Jordan**
www.leadtools.com
 Image Processing Software Engineer
 Jan 2001 – April 2004
 Implement several DirectShow filters:
 RGB converter, Rotation Filter , Gamma Filter, Histogram Equalize Filter, Edge Enhance Filter, YUV converter, DICOM Writer Filter, DICOM Reader Filter, Frame Rate Control Filter, Video Color Filter, Volume Control, Audio Detection Filter
- **ELREHA printed circuits. Zarqa free zone – Jordan**
www.elreha.com
 Developing Engineer
 Aug 2000 – Jan 2001

Read data from hardware component, and store them on
Access data base

Education:

- August 2011 – 2017 **Canberra University, Canberra, Australia**
PhD in Information Science and Engineering.
- Feb 2007 – Feb 2008 **University of Technology, Sydney. Sydney, Australia**
Master of Engineering Studies, major in Computer Control Engineering. GPA 65 (Credit)
- Sept 1994- Jan 2000 **Yarmouk University. Irbid Jordan.**
BSc of Electric Power Engineering. GPA 64.9 (PASS)

Publications:

- S. Altahat, G. Chetty, D. Tran, and W. Ma “Analysing the Robust EEG Channel Set for Person Authentication” ICONIP 2015.
- S. Altahat, M. Wagner and E. M. Marroquin “Robust Electroencephalogram Reduced Channel Set for Person Authentication” ICASSP 2015
- S. Altahat, X. Huang, D. Tran and D. Sharma (2012). “People identification with RMS-Based spatial pattern of EEG signal”. ICA3PP 2012.
- X. Huang, S. Altahat, D. Tran, and D. Sharma. “Human identification with electroencephalogram (EEG) signal processing.” ISCIT 2012.
- One papers is currently under review.
- One more papers are expected by mid of 2017.