Curriculum Vitae

Ali Yahya Ahmed Al-Ashwal

PERSONAL INFORMATION:

- Date of Birth: 15/10/1983

- Gender: Male

- Marital Status: Married

- Nationality: Yemeni

- Place of Residence: Yemen- Sana'a- Mathbah

- Phone: +967 771 661 055

- E-Mail: ebn_alshahel@hotmail.com

QUALIFICATIONS:

- M.Sc. in Computer Engineering from Department of Electronics Engineering, Faculty of Engineering, University of Sciences and Technology, Yemen, March 2015. (Thesis subject: *An Image Steganography Algorithm for Hiding Confidential Data using Genetic Algorithm*).

- BSc in Computer Engineering from Department of Electronics Engineering, Faculty of Engineering, University of Sciences and Technology, Yemen, June 2007. (Excellent+ with Honors, ranked the first among the students). (Graduation project: *Design a Program for controller and management a LAN network*).

EXPERIENCE:

- Assistant teacher in Electronics Engineering Dept., Faculty of Engineering, University of Science and Technology, since 3/2015 till now.

- Researcher Assistant in Electronics Engineering Dept., Faculty of Engineering, University of Science and Technology, since 11/2007.

THE CERTIFICATES THAT OBTAINED

- Certificate from Factory of Yildirim Elektronik, Ankara, Turkey, for training courses in "**Sensors Technology, PLC applications and Digital electronics**", 5/2/2015 to 6/2/2015 as total 20 hours.

- Certificate from Teaching and Learning Center, University of Science & Technology in "**Research Misconduct Workshop**" for D. Fadhl Al-akwaa, 17/12/2014.

- Certificate from Teaching and Learning Center, University of Science & Technology in "**Writing and Publishing a Scientific Paper**" for D.Abd Al-Qadir Al-Abadi, 16-23/11/2014.

- Certificate from Teaching and Learning Center, University of Science & Technology in "**Implementation and Dissemination Scientific Research**" for D.Abd Al-Qadir Al-Abadi, 1-2/3/2014.

- Certificate from Teaching and Learning Center, University of Science & Technology in "**Description of Courses for the University Programs**", 2-6/11/2013.

- Certificate from Teaching and Learning Center, University of Science & Technology in "**Building Achievement Tests and Alternative Methods of Evaluation**" for D. Fawzia Al Amar , 30/10/2010 to 4/11/2010.

- Certificate from Consulting and Development Center, University of Science & Technology in "**Future Leader**", 23/10/2010 to 3/11/2010.

- Certificate from ACIT International in recognition of valuable contribution, UST, Sana'a, Yemen, 15-17/12/2009.

- Certificate from Solar Energy Center, University of Science & Technology in "**Design and maintenance of solar systems**", 25/6/2009 to 4/7/2009.

- Partnership Certificate from Teaching and Learning Center, University of Science & Technology in "**Analysis of the Students Results**" for D. Tawfeeq Al-alem, 13-14/8/2008.

- Partnership Certificate from Consultation and Development Center, University of Science & Technology in "**Public Relations Effective**" for international trainer Raed Al-sqaf, 3-4/8/2008.

- Partnership Certificate from Teaching and Learning Center, University of Science & Technology in "**Design and Evaluate Exams**" for prof. Neazar Alaney, 19-17/2/2008.

- Experience Certificate from Computer Center, University of Science & Technology to training in "**Networks**", 15/7/2006 to 15/8/2006.

- Experience Certificate from Al-Khalil for Technique & Computer to work as a Maintenance Engineer, 1/7/2005 to 15/9/2005.

PAPERS & RESEARCHES

- A. Y. Al-Ashwal, A. H. M. Al-Mawgani and Waled Hussein Al-Arashi, "**An Image Steganography Algorithm for Hiding Data Based on HDWT, LZW and OPAP**", Journal of Science and Technology, Vol. 20, No. 1, 2015.

- Ahmed M. A. Dubais, A. Y. Al-Ashwal, Ammar M. Eissa, "**Optimum Administrative Decision in Allocation Problem using C Language**", Journal of Science and Technology, Vol. 19, No. 2, 2014.

TEACHING COURSES

- C Programming.

- C++ Programming.

- Java Programming.

- Microprocessor and Assembly Language.

- Fundamentals of Logic Design.

- Electronics.

- Electrical circuits.

- Programming and simulations using MATLAB.

- Computer Design and Architecture.

- Digital Image Processing.

- Digital Signal Processing.

- Mathematics Engineering.

PROFESSIONAL ACTIVITIES

- Assistant Lecturer.
- Member of the Examination Committee in the Department of the Electronic Engineering (Feb. 2008 – till now).
- Curriculum development and program specification documents (PSD), committee member at Electronics Engineering Department.
- Participate in preparation of different courses syllabus and description based on ABET/ACM.

SKILLS:

- Programing using C, C++, Java, Visual C# and Visual Basic languages.
- Designing, Programming and Simulating using Matlab.
- Designing and Simulating using EWB and Proteus.
- Web Software Development using HTML.
- Professional User of Microsoft Office (MS-Word, MS-Excel, MS-PowerPoint and MS-Access).

LANGUAGE:

- Arabic: native speaker.
- English: (Good).

APPRECIATION CERTIFICATES:

- Appreciation Certificate from Consultation and Development Center, University of Science & Technology for participate in the training program "Renewable Energy", 8/8/2015 to 26/10/2015.
- Appreciation Certificate from Talent Development Center, University of Science & Technology to participate as a member of the jury of the scientific innovation and excellence award, 22/4/2013.
- Appreciation Certificate from Talent Development Center, University of Science & Technology to participate as a member of the jury of the scientific innovation and excellence award, 26/4/2012.
- Appreciation Certificate from University of Science & Technology since for ranking the first among Graduates of Computer Engineering Program (general grade Excellent+ with honors 2006-2007).
- Appreciation Certificate from Students Union in University of Science & Technology for ranking the first of Computer Engineering Program in third level 2005-2006.
- Appreciation Certificate from Students Union in University of Science & Technology for ranking the first of Computer Engineering Program in second level 2004-2005.
- Appreciation Certificate from Alexandria University for Got Excellent Grade in first level.