

Resume

Name: Younes Saood Alwan
Birth: April/1989 - Baghdad, Iraq
Gender: Male

Formal Education:

- M.Sc. in Electrical & Computer Engineering, May 2016, University of Missouri-Columbia, USA. GPA = 3.838 / 4
- B.Sc. in Electrical Engineering, July 2011, University of Tikrit, Iraq. GPA \approx 3 / 4

Research interests:

- Antenna design engineering and RF
- Bio-electromagnetics
- Fractals
- Communications systems
- Biomechanics
- Communications
- IoT

Professions:

- Assistant Engineer - "Electrical Circuit" & "Logic Circuit" labs, University of Tikrit, Iraq, Jan. 2012 – Oct. 2012.
- Maintenance and Telecommunications Engineer - Darin Corporation, Tikrit-Baghdad, Iraq, Sep. 2012 – Jan. 2014.
- Telecommunication Engineer – Zain group, Erbil, Iraq, Nov. 2016.
- Lecturer – College of Engineering, University of Samarra, Iraq, Dec. 2016 – present.
- Electromechanical Engineering Labs responsible, Mar. 2019 – present.
- Committee member of the renewable energy board in the University of Samarra, Iraq, Apr. 2017 – present.
- Committee chair of Energy management at the University of Samarra, Feb. 2019 – present.

Publications:

- Younes S. Alwan, Falih M. Alnahwi, Haider A. Al-Wizwazy, Hayder M. Al-Behadili, and Naz E. Islam, "Proposed Design and Analysis of Directive Super Wide-band Microstrip Antenna," IJIRCCE, Vol. 4, pp. 3480 – 3485, 2016.
- Haider A. Alwzawzy, Hayder M. Albehadili, Younes S. Alwan, and Naz E. Islam, "Handwritten Digit Recognition Using Convolutional Neural Networks," IJIRCCE, VOLUME 4, 2016.
- Younes S. Alwan, Haider A. Alwzawzy, Falih M. Alnahwi, and Naz E. Islam, "Design and Analysis of a Compact Fractal Super Wide-band Microstrip Antenna," (To be submitted).
- Younes Alwan, Muhammad Zidan, and Naz Islam, "A Compact Planar Violin-Shaped Monopole Antenna for Ultra-Wide Band Applications." Alutrooha journal, 7th edition, 2017.
- Haider A. Alwzawzy, Ruaa H. Ahmed, Younes Alwan, Laith Alzubaidi, Hayder M. Albeahdili, "Connecting Physical Infrastructure to the Cyber Space Using the Internet of Things (IOT) Devices." Journal of Engineering and Applied Sciences, Vol. 14, Issue 13, p.p. 4631 - 4640, 2019.

- Younes Alwan, Mohammad Zidan and Mohammed Taha, “Evaluation of the electromagnetic performance in an Iraqi city: Al-Door Residential Complex as a case study,” Indonesian Journal of Electrical Engineering and Computer Science, Vol. 14, No. 3, pp. 1281 - 1285, , June 2019.
- Ghazwan Alwan, Craig Emter, Aws Anaz, Noah Manring, Ali D. Salim, Younes Alwan, Emily Leary, Patrice Delafontaine, “Real-Time Determination of the Cardiovascular Mechanical Determinants Using the Intra-Aortic Balloon Pump Mechanism,” Proceedings of the ASME 2019 Dynamic Systems and Control Conference DSCC2019, October 8-11, 2019, Park City, Utah, USA.
- Conference contribution (Poster): Real-Time determination of the cardiovascular determinants using the intra-aortic balloon pump mechanism. Annul Cardiovascular Day, University of Missouri-Columbia, 2019.
- Younes Alwan, Khalid S. Al-badri, Ghazwan Alwan and M. Q. Majeed, “Fractal generating techniques” to be published, ICCES20.
- Younes Alwan, “Designing a novel HIS structure for filtering purposes” to be published.

M.Sc. Thesis:

Younes Alwan, “DESIGN AND ANALYSIS OF SUPER WIDEBAND MICROSTRIP ANTENNAS FOR PARAMETER OPTIMIZATION,” University of Missouri, Columbia, May 2016.

Appreciations:

- Appreciation for participating in the administration of the Tikrit University anniversary celebration, 2011 & 2012 - Dean of Engineering College, Tikrit University, Iraq.
- Appreciation for volunteer students’ teaching- Dean of Petroleum & Minerals Engineering, Tikrit University, Iraq, 2012.
- 15 appreciations from the University of Samarra, Iraq.

Current projects:

- Working on designing a robotic arm at the Electromechanical Engineering Dept. / University of Samarra, as a student supervisor.

Highlights:

- CST microwave studio, Multism, and MATLAB.
- MS Office programs.
- Highest TOEFL IBT score obtained 86.
- Communications Specialist.
- English Fluent.
- Phonetics certificate holder in Arabic language.
- Arabic – English research papers translator and editor.

Awards, achievements and certificates:

- Winner of the scholarship in USA awarded by the Iraqi government to the outstanding students, 2012.
- Ranked 1st in the IEP English institution at University of Missouri, Columbia, May 2014.
- Certificate of “Teaching Methods” from the University of Samarra, Mar. 2017.
- Contributed as a reviewer at the 42nd Annual International Conferences of the IEEE Engineering in Medicine and Biology Society in conjunction with the 43rd Annual Conference of the Canadian Medical and Biological Engineering Society, to be held in Montréal, Québec, Canada, July 20th - 24th, 2020.

□ Certificate from IREX for electronic education (sponsored by the American Embassy in Baghdad).

Presentations:

- Seminar presentation, College of Engineering, University of Samarra, Apr. 5th, 2017.
- Seminar presentation, College of Engineering, University of Samarra, Mar. 27th, 2018.
- Seminar presentation, College of Engineering, University of Samarra, Dec. 11th, 2018.
- Online seminar presentation, College of Engineering, University of Samarra, May 2020.

Personal Interests:

- Reading (Elec. Eng., Math, Religions, History, Language).
- Gardening, sports, and active interaction with people.

Contact Info:

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