

CURRICULUM VITAE

EYAS AREF MOHAMMED ALYOUSFI

PERSONAL INFORMATION

- Full name: Eyas Aref Mohammed Alyousfi
- Nationality: Yemeni
- Date of birth: December 25 ,1988
- Place of Birth: Secretariat of the capital Sanaa – Yemen
- Sex: Male
- Marital status: Mirred (have one child)

CONTACT INFORMATION

Eyas Aref Alyousfi

Home address : Bait Handhal (Altadhamun Neighborhood) - Directorate of Bani Alhareth- Secretariat of the capital Sanaa

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QUALIFICATIONS

- Communications Engineering M.Sc. from Department of Electronic Engineering, Faculty Engineering, University of Sciences and Technology, Yemen, April 2015. (Thesis subject: *Optimization of Vertical Handover Decision Algorithms in Heterogeneous Wireless Networks*).
- Electronics & Communications Engineering B.Sc. from Department of Electronic Engineering, Faculty of Science and Engineering, University of Sciences and Technology, Yemen, June 2010. (Excellent+ with Honor Degree, ranked the first among the students in the course).

PAPERS & RESARCHES

- E. Alyousfi & M.Alkhwilani "Optimization of Vertical Handover Performance Using Elimination Based MCDM Algorithm," Journal of Science and Technology, Vol. 21, No. 1, 2016.
- El-Kustaban, A. Qahtan, E. Al-Yousfi, M. Al-Twaiti, and M. Al-Mhjari, "Early Warning System For Sana'a Water Stream (Al-Saila)," Journal of Science and Technology, Vol. 19, No. 2, 2014.

THE CERTIFICATES THAT OBTAINED

- I participated in a training course in the field of mobile phone networks specifically the CDMA networks - Yemen Mobile Company of the mobile phone - the secretariat of the capital (Sanaa) - Yemen – 2010.
- I participated in a training course in the field of technical program Digital Microwave - Institute for Telecommunications - Sana'a (Sanaa) - Yemen – 2010.
- I participated in a training course in the field of technical programs PDH + SDH - General of the Institute telecommunications - the secretariat of the capital (Sanaa) - Yemen – 2010.
- I participated in a training course in the field of technical program Pulse Code Modulation (PCM) - General of the Institute telecommunications - the secretariat of the capital (Sanaa) - Yemen – 2010.
- I participated in a training course in the field of microcontrollers (Microcontrollers) - Training Center and Electronic Design - University of Science and Technology - the secretariat of the capital (Sanaa) - Yemen -2011.
- I participated in a training course in the field of solar energy - Solar Energy Center - University of Science and Technology - the secretariat of the capital (Sanaa) - Yemen -2011.
- I participated in a training course in the field of electronic maintenance - Training Center and Electronic Design - University of Science and Technology - the secretariat of the capital (Sanaa) - Yemen -2012.
- I participated in a training course in Program Specification Document (PSD) development for communication Engineering - University of Science and Technology (UST) - the secretariat of the capital (Sanaa) - Yemen – 2013.
- I participated in a training course in Description of the courses - Department of Electronic Engineering programs - University of Science and Technology (UST) - the secretariat of the capital (Sanaa) - Yemen – 2013.
- I participated in a workshop in Research Misconduct -organized by US National Academy University of Science & University of Science and Technology Technology (UST) - the secretariat of the capital (Sanaa) - Yemen – 2014.
- I participated in a training course in Writing and publishing of scientific articles - University of Science and Technology (UST) - the secretariat of the capital (Sanaa) - Yemen – 2014.
- I participated in a training course in Programmable Logic Controller (PLC) Principles and Applications - University of Science and Technology (UST) - the secretariat of the capital (Sanaa) - Yemen – 2017.
- I participated in a training course in SIMATIC S7-1200 ANALOG & SCADA - University of Science and Technology (UST) - the secretariat of the capital (Sanaa) - Yemen – 2018.

WORK & EXPERINCE

1) TEACHING (JAN.2011- TILL NOW)

Since 22-1-2011 till now, I teach at the Faculty of Engineering, Electronic Engineering Dept., University of Science and Technology (UST), Sana'a-Yemen.

Teaching Subjects

- Digital Communications.
- Mobile Communications.
- Fiber Optics Networks.
- Electrical & Electronic Circuits.
- Programming and Simulations using MATLAB.
- Data Communications & Networks.
- Communication and Switching Networks.
- Solar Energy.

2) PROFESSIONAL ACTIVITIES

- Assistant Lecturer
- I work at the Center for Renewable Energy & Electronic Design of the University of Science and Technology in the field of design and implementation of solar energy systems(Oct. 2012 – till now).
- Head of the field training Committee, in the Faculty of Engineering, University of Science and Technology (Oct. 2016 – till now).
- Head of the development of laboratories, in the Department of the Electronic Engineering, University of Science and Technology (Feb. 2014 – Feb. 2016).
- Member of the Examination Committee in the Department of the Electronic Engineering, University of Science and Technology (Feb. 2016 – till now).
- Member of the Graduation Projects Committee in the Faculty Engineering (2014 – 2015).
- Installation and maintenance more than 20 Solar Systems.
- Trainer in many Solar Training Courses such as PV System Design for Small and Moderate Applications, PV Systems Design and Maintenance, Solar Pumps Design and Installation, (for university students, orgnizations such as Global Communities and GIZ).
- Curriculum development and program specification documents (PSD) committee at Electronics Engineering Department.
- Participate in preparation of different courses syllabus and description based on ABET/ACM.
- Member of the Quality Assurance Managment Unit in the Department of the Electronic Engineering, University of Science and Technology(Oct. 2017 – till now).

SKILLS

- Wireless networks planing using Atoll.
- Networks simulating using paket tracer.
- Optical commincations networks simulating using Optisystem.
- Programming using C and Java.
- Designing and Simulating using EWB and Proteus.
- Designing, Programming and Simulating using Matlab.
- I have the ability to print electronic PCB boards.
- Designing, Programming and Simulating using VHDL.

LANGUAGES

- Arabic: native speaker.
- English: Good reading, writing, speaking, and listening.

RESEARCH INTERESTS

- Wireless Communication.
- Internet of Things (IoT).
- PV solar system.
- Energy solutions.
- Encryption and security issues.
- Optical Communication.
- Data Communcation & Networks.

ANOTHER INTERESTS

Reading , playing football , and travlling.

REFERENCES

- Prof. Abdulraqib A. Asaad
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Univesity of Science &Technology (UST),Yemen.
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- Dr. Mohammed M. Alkhwilani
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and Technology (UST),Yemen.
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- Dr. Abdulaziz Mohamed Said Aldobhani
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- Dr.Waled Hussein Al-Arashi
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 University of Science and Technology (UST),Yemen.
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- Dr.Abdullah Ahmed Yaqot
 Assistant Prof. of Digital Communication,Institute for Automation &
 Communication (ifak e.V.),Magdeburg, Germany.
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- Dr.Abdulkarem Hussein Mohammed Almwagani
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 University ,KSA..
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