

Current Address:

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Maher Alsharari

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Summary:

Electrical Engineer proficient in power, electronic, and communication engineering.

Education:**Tennessee State University, United States, May 2017**

Master degree, Collage of Engineering
Overall GPA 3.727 on a scale of 4.

Intensive English Institute at University of Illinois at Urbana-Champaign, May 2015

Certificate of Completion IEI program, English as a Second or Foreign Language
2013– 2014– Spring of 2015

Al-Jouf University, Saudi Arabia, June 2012

Bachelor degree, Collage of Engineering
Overall GPA 4.02 on a scale of 5. WES evaluation GPA 3.21 on a scale of 4.

Research Experience:**An Autonomous Efficient Whole-Home Heating and Cooling System Using Internet of Things (IOT).**

Master degree, College of Engineering

A design of an autonomous efficient whole home heating and cooling system for smart house has been established. Smart home system requires taking the homeowner out of control loop. Through this design, the temperature of an entire home will be controlled by using sensor throughout the house and as well as outside. The autonomous design regulates the temperature of an entire home using an actuation system that controls the heating and cooling airflow in the home. The controller also includes historical seasonal information of the region that makes its temperature control decisions.

Remote Control for Electrical Appliances Using Mobile.

Bachelor degree, Collage of Engineering

An electrical circuit allows us to control household devices up to 12 devices using a cellphone, where the user can turn on or off these devices by pressing the keys of the phone keyboard and choose the desired device to run on or off.

Experience: **Fahad Bin Sultan University, Saudi Arabia, September 2018-present.**

Working as a lecturer. Teaching courses such as electronics, electric circuits, electrical and electronic circuits laboratory, computers principles. Laboratory committee member. Conducting research works and helping analyzed data. Preparing and delivering lectures. Administrating and correcting quizzes, assignments and examinations. Classes ranged from 16-47 students.

Volunteer Experience:

Volunteered as a conversation partner at the University of Illinois Urbana-Champaign 2014 in the U.S.

Volunteered in teaching freshmen and sophomores during my undergraduate years (2009-2012) and after graduated (2012-2013).

Assisted high schools in various activities and programs in order to educate students about academic life – 2010.

Computer:

Microsoft Office (Excel, PowerPoint, Word, Outlook, Projects). Set up, tested and configured networks, desktops, laptops and printers. ARENA software, C++ and Assembly Languages. MATLAB programing (Modeling and Simulation, signal processing, digital communications, image processing, and others). PSpice simulation.

Skills:

Strong verbal and personal communication skills. Problem analysis, use judgment and ability to solve problems efficiently. Analytical thinking and planning. Self-motivated, initiative and high level of energy.

Certifications:

Saudi Council Engineering (SCE): Certified as electrical engineer.
Qiyas Test for Academic: Taken on Sept 2018 fulfilled 80%.