

Hajar F. Alshreef

Nationality: Saudi **Age:** 23

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Passionate about obtaining knowledge, living new experiences, and reading books. Challenges motivate me to achieve and succeed as well. Moreover, I believe that investing in humans is the best kind of investment and that learning never stops. Interested in innovations, technology, renewable energy, robotics, engineering, and quality.

EXPERIENCE

Computer Engineer Summer Training in Engineering Research & Development department at Rawabi United Safety Services. (June-August) 2015.

PROJECT1: designed a low power controller, followed the specification requirements carefully, completed the schematics drawing of the board.

PROJECT2: updated an old concentrator with a new one using RUSS's own made components for more efficiency and reliability.

Volunteering

- OSPAS Family Safety Day, May 2015.
- Google Student Ambassador in PMU, 2012/2013.
- Career Day in PMU, 2010.

Other Activities

- Attended The 5th Gulf Value Engineering Conference 2015.
- Attended Saudi Aramco University Seminar 2015.
- Member The Student Council in PMU 2013.
- Attended Communication Ignites Conference for Toastmasters in Saudi Aramco 2012.
- The Vice President of Toastmasters club in PMU 2012.
- Attended GISaudi Arabia by Google in 2012.
- Member of Information Technology club in 2011/2010.

EDUCATION

B.S. Computer Engineering (201-2015)

Prince Mohammed bin Fahad University.

Independent Courses

- Associate Value Specialist Certification, September 2015.
- Module-I, SAVE international, August 2015.
- Introduction to Renewable Energy, Solar Energy International, April 2015.
- Introduction Operations Management, University of Pennsylvania, May 2015.
- Total Value Management and Value Enhancing Methods, SAVE international & Saudi Engineers Council, May 2015.

Workshops

- Health and Safety at the Workplace.
- Strategy Planning & Successful Execution.
- Process Development.
- 3D Printing, and 2D designing,
- Fabricating Wooden Objects using CNC machine.
- Introduction to Electronics, Arduino, and Robotics.

SKILLS

- MATLAB
- Eagle - Schematics Drawing
- C++ programming language
- X-CTU Software
- Arduino
- Soldering
- MS Word, PP, and Excel
- Window OS and Mac OS

PERSONAL SKILLS

- Leadership & Team Building
- Communication (Oral & Written)
- Critical Thinking & Problem Solving
- Research & Development
- Negotiation
- Project Management

LANGUAGES

- Arabic
- English

SENIOR PROJECT

ARSA (Autonomous Robot for Safety Applications), it is designed to follow a certain path in industrial places to detect gas & temperature readings, sends the data wirelessly to the workstation. *All team members scored A+

