

# Hamad Khalaf Ahmed



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**Date of Birth:** 2/11/1996

**Place of Birth:** Doha, Qatar



**Location:** Qatar, Alkhor.

**Nationality:** Egyptian

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## PROFILE

A recent graduate mechanical engineer from Qatar University. Aiming to use my academic knowledge and skills to build a strong career and to take new responsibilities and challenges. I am seeking a reputed organization where I can use my experience and education to help the company in meeting and surpassing its goals, and to give a valuable contribution to the success of the organization.

## EDUCATION

**Qatar University | Doha, Qatar**

**09/ 2015 – 05/ 2021**

BS in Mechanical Engineering

*Member of IMECHE (Institution of Mechanical Engineers)*

*Coursework in Control Systems, Mechanical Design II and Senior Project.*

## ACADMIC PROJECTS

**Control systems:** Development of a two-wheeled self-balancing robot.

**Mechanical design II:** Development of a dates harvesting machine.

**Senior project II:** Development of mechatronics systems for a traction machine. To measures human ankle torque and angle. (ASPETAR hospital)

## VOLUNTEERING AND WORKING EXPERINCE

**Total Energy | Cairo, Egypt**

**08/ 2022 – Present**

*Internship*

- Support in developing in technical reports and technical presentations on quality mainly and operation.
- Development of a cash flow model.
- Acquired the skill to maintain drilling equipment to maximize project efficiency.
- Skills acquired: Oil and gas production technology operation.

**Qatar Engineering and Construction | Doha, Qatar**  
*JR Mechanical Engineer (Planning engineer - PIPING)*

**01/ 2022 – Present**

- Developed cost estimates and prepared business cases for data management projects.
- Managed the planning and logistics processes of fabrications for different oil and gas companies.
- Developed an Excel based tool for estimating project costs including multi-year projects and multiple vendors.
- Prepared of detail level schedules for fabrication and installation.
- Prepared and updated of weekly rolling program.
- Prepared of procurement plans.
- Skills acquired: Critical thinking and attention to details. Negotiation. Project management. Teamwork and collaboration.

**Qatar Engineering and Construction | Doha, Qatar**  
*JR Mechanical Engineer (PIPING)*

**09/ 2021 – 01/2022**

- Fabricating pipes for several oil and gas companies.
- Knowing the procedures for fitting and welding.
- Following up and preparing Hydro-test packages for different pipes.
- Inspecting and identifying different parts of materials.
- Fabricating and preparing the fabrication of different types of supports.
- Preparing Material Take Off list for several projects.
- Reviewed and checked process of different Pipe specifications like CS, SS, Duplex SS for different applications like Low Temperature, Cryogenic, Sour.
- Recorded and organized all necessary documentation to record the implementation, maintenance, and effectiveness of the QA program.
- Checked drawings for fabrication, ensuring cut lengths, materials, specs, paint/coating systems.
- Skills acquired: Problem solving skills. Quick response for any emergency. Decision making.

**Qatar Airways | Doha, Qatar**  
*Call center agent*

**05/ 2021 – 09/2021**

- Mastered Amadeus, which is a computer reservation system used by airlines.
- Skills acquired: Patience. Active listening. Time-management, problem solving skills

**Math Tutor | Doha, Qatar**  
*Tutor*

**09/ 2018 – 09/2021**

- Teaching math courses in primary grades as well as in college level.
- Skills acquired: Patience. Active listening. Time-management.

**Amir Cup | Doha, Qatar**  
*Organizer*

**05/ 2020**

- Organizing audience entry gate and distribution of tickets.
- Skills acquired: Communication skills. Identify audience needs. Decision making.

**Doha Festival City | Doha, Qatar**  
*Organizer*

**03/ 2020**

- Distributing vouchers and giving survey to customers.
- Skills acquired: Communication skills.

**Qatar University – Research Complex | Doha, Qatar**  
*Research Assistant*

**11/ 2019 – 03/2020**

- Developing a multi-sensor device that can control the changes on patients' feet that suffer from chronic wounds.
- Skills acquired: Developing and refining search queries to get better research results.

## **ACHIEVEMENTS**

- Second place in Enterprise Challenge Qatar 2013.

## **SKILLS**

**Languages:** **Arabic** (*Native speaker*), **English** (*Excellent*), **German** (*Elementary*)

**Personal:** Time management, Critical thinking, Communication, Problem-solving.

**Microsoft Office:** Proficient in Word, Excel, and PowerPoint.

**CAD Modelling software:** SolidWorks (Level 4: Advanced), MATLAB and Simulink (Level 3: Intermediate), AutoCAD (Level 3: Intermediate), EES (Level 3: Intermediate), Multisim (Level 3: Intermediate), ANSYS (Level 2)

**References available upon request**