

# Mohamed Refaat Mohamed

Mechanical engineer

Faculty of Engineering, Higher Technological Institute (10<sup>th</sup> of Ramadan City), Egypt.

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Military status: completed.

## Objective

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to join your successful team, gaining experience at the profession and enhance my skills and gain the experience through serious and sincere effort to success with this organization as mechanical engineer.

## Work experience

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### ALSHOROUK Construction company

Technical Office Engineer & site engineer

7-2024 /now

Technical Office Engineer & site engineer

8-2023 /7-2024

#### Projects:

- Residence PLOTS AT ICITY Mountain View project consultants: DMA
- EMAAR Cairo Gate Mosque Project consultants: shaker group

#### Job description

- Review specification and BOQ for project and comparing with IFC
- Preparing RFIs for all missing, unclear, conflicting or any other technical matter that may be appear due to construction
- Preparing quantity survey for project material
- Making invoices for contractors
- Follow up the contractors
- Coordinate with other disciplines in site
- Making the required requests (MIR, IR, RFI, RFA) and another relative documented requested
- Executed the different discipline of mechanical trades
  1. HVAC WORKING contains (air chiller units, concealed units and HI SPLIT units)
  2. PLUMPING network.
  3. F.F contains (different types of FHC and fire search extinguishers for electrical panels)

### EMECO for engineering & supplies

1-2023 /8-2023

Technical Office Engineer & site engineer

#### Projects:

- Central laundry of military colleges and institutes

## Job description

- **Modify on Mechanical Shop Drawing for three Discipline HVAC-Plumping - Firefighting Using AutoCAD**
- **Creating Quantity Survey Sheets**
- **Coordinate between the systems Mechanical and Electrical system**

## EDUCATION

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### **Higher Technological Institute 10<sup>th</sup> of Ramadan, Faculty of Engineering**

- **Bachelor of Science in mechanical engineering** **Graduated: 2021**
- **Accumulated Grade** **GPA:3.18 V. good grade**

## Work Experience

## SOFTWARES SKILLS

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- Revit (Immediate)
- AutoCAD 2D
- AutoFluid
- HAP
- Duct Sizer
- Microsoft office

## Courses

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- HVAC
- Plumbing
- Fire fighting
- CNC Milling-turning
- Basic of renewable energy Design

## Certificates

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**Certificate in Managing Project Risks and Changes**  
**University of California, Irvin**

**introduction to Project Management**  
**Coursera Project Network**

**Fundamentals of Fluid Power**  
**University of Minnesota**