



Khaled Dghaim

Mechanical Engineer – January 30 1997

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Objective

Recently graduated, multidisciplinary engineer with excellent problem-solving abilities and process-thinking skill seeks hands-on experience with a company that embrace creativity and innovation. Through my studies, I have gained extensive knowledge of production and manufacturing engineering, product design, among many other components of mechanical engineering. Effective communicator who builds positive, cohesive relationship with all level of staff, eager to put my extensive studies to practical, applied use.

Education

- **2015 – 2019** Beirut Arab University
Bachelor Degree in Mechanical Engineering

Professional Experience

Engineering & Building Co. Ebco Bitar

June 2018 - August 2018

Mechanical Site Engineer – **Internship**

Location: **Beirut – Lebanon**

Key Responsibilities:

- Supervising and monitoring the site manpower and equipment's' productivity to achieve the required/ agreed norms.
- Inspect the ducts and pipes installation for all trades, and determine materials, equipment, and supplies to satisfy all works requirement.
- Focused on completion of all parts of the HVAC system while satisfying all the project and work requirements.
- Prepare shop drawings to satisfy site condition

Dergham & Hamdar Associates

April 2017 - September 2017

Mechanical Design Engineer - **Internship**

Location: **Beirut - Lebanon**

Key Responsibilities:

- Completed the HAP and HVAC calculations
- Design of a complete high-rises building from its drainage systems
- Design water supply systems including the riser schematic diagrams and sized booster, transfer and circulating pumps with Illinois plumbing code (02/04)

Technical Skills

- **Engineering Software:** AutoCAD, SolidWorks, HAP 5.1, Matlab, Arduino, Pipe Flow Expert
- **Design:** Mechanical Equipment sizing, selection & scheduling, Swimming pool, Solar energy, Wind energy

Completed coursework

- Fluid System Design
- Hydraulic Circuit
- Pump Technology
- Thermal Power Stations
- Swimming Pools Design
- Refrigeration and Air Condition
- Heat Transfer
- Dynamic System Control