***Curriculum Vitae***

* **Personal Information**
* ***Name*:** Ayman
* ***Nationality:*** Palestinian
* ***E-mail:*** [ayman.380932@2freemail.com](mailto:ayman.380932@2freemail.com)
* ***Gender:*** Male
* ***Martial State:*** Single
* ***Date of birth:*** 18/8/1996 – Riyadh, Saudi Arabia
* **EducationInformation**
* **Secondary School Education**
* ***Name of School:*** Al-Khaliej Secondary School – Dammam, Saudi Arabia
* ***Graduation Year:*** 2014, Summer
* ***Field:*** Natural Sciences
* ***Average:*** 99.1% (Excellent)
* **Undergraduate Study**
* ***Name of University:*** Philadelphia University–Jordan, Amman
* ***Major:*** B.Sc. in General Mechanical Engineering
* ***Graduation Year:*** 2018
* ***Average:*** 89.6% (Excellent)
* **Experiences and Training**
* **During my study in college, I earned the following courses certificates:**
* Design of HVAC systems and calculation of thermal loads using HAP software.
* **Skills, Abilities, and Languages**
* ***Analytical Skills***
* Problem solving
* Good at mathematics
* Specialized knowledge in multiple fields
* Engineering design
* ***Personal Skills***
* Leadership
* Teamwork
* Fast learning and adapting
* Good communication skills
* Motivation
* Professionalism
* Management
* ***Office Skills***
* Very good in using Microsoft Office: Word, Excel, Access, Power Point, and Web Expression
* Very good at using SolidWorks
* Very good at using ANSYS Workbench
* Very good at using CREO Pro Engineer
* Very good at using HAP
* Good at using AUTO CAD
* Printing in Arabic (Very Good)
* Printing in English (Very Good)
* Capable of working under high pressure and multitask worker
* ***Other Skills***
* Capable of doing first aid and CPR
* ***Driving***
* I have a Saudi Driving License
* ***Projects and my B.Sc Degree Senior Project***

**B.Sc. Degree Senior Project Abstract**

This project aims to design, build, and test of an Unmanned Arial Vehicle (UAV) Helicopter in Mechanical Engineering Department at Philadelphia University in Jordan. This project mainly consists of theoretical and experimental work. The theoretical part will include the design of the main components of the helicopter (main rotor, tail rotor, main frame, horizontal stabilizer, transmission system, and control system) using Computer Aided Design CAD softwares. The experimental part will involve the buildup of the helicopter and testing its performance in terms of stability functionality and movement to validate the design. In this project, a new design technology will be implemented on the horizontal stabilizer. This project will illustrate the procedures that are considered to design the UAV in order to gain insight into the types of components, operating theory, and critical parameters of the principles of a helicopter.

**Other researches and projects:**

* Design of HVAC system for a school around the year seasons for HVAC course taken in college.
* Developing extra stiffness components by using Frusta Approach of Joints-Member.
* ***IDs***
* A valid Saudi Residence ID and able to be transformed
* ***Languages***
* Arabic (Mother Language)
* English (Very Good)
* **Merits**
* **(2015/2016 Summer Semester) 1st grade of top 5 students at my department**
* **(2016/2017 1st Semester) 1st grade of top 5 students at my department**
* **(2016/2017 2nd Semester) 3rd grade of top 5 students at my department**
* **(2016/2017 Summer Semester) 1st grade of top 5 students at my department**
* **Scholarships**
* **Awarded Full Academic Scholarship to pursue the B.Sc. degree in Mechanical Engineering, (1/10/2014 – 1/6/2018) at Philadelphia University - Jordan as a result of high school academic performance.**
* **Fields of Interest**
* **Fluid Mechanics**
* **Thermodynamics and Heat Transfer**
* **Aerodynamics and Aeronautics**
* **Modelling and Simulation**
* **Computer Aided Design (CAD)**
* **Renewable Energy**
* **Electrical Machines**
* **Reverse Engineering**
* **Control Systems and Automation**
* **Hobbies and Activities**
* **Football**
* **Travelling**
* **Readings historical articles and novels**
* **Repairing of disabled simple devices and instruments**
* **Swimming and scuba diving**