



# Ahmad Mahmood Al Dabbas

✉ ahmad-aldabbas@outlook.com

in Ahmad Dabbas

☎ +962798389007

📍 Amman, Jordan (willing to relocate)

## Objective

I'm a highly motivated fast learner graduate Mechanical Engineer with a year's industrial experience. Engineering management solutions is where I'm starting my career where I've been able to seek deeper into the business sector by taking courses in project management and coordination, supply chain management, Risk management, Data-driven decision making, and team dynamics.

## Education

**Bachelor of Mechanical Engineering - Operations**  
**Al Hussein Technical University**

Feb 2018 – Feb 2022  
Amman, Jordan

## Professional Experience

**Planning Associate Engineer**

Jun 2021 – Dec 2021  
Jordan

**Cfmoto**

- Planned, managed, and coordinated all aspects of manufacturing production.
- Created and implemented an improved manufacturing process.
- Designed cost-reductive changes.
- Cooperated with other engineers to develop plans that improve production, costs, and labor required.
- Provided detailed status reports to top management.
- Created a project management calendar for fulfilling each goal and objective to ensure all deadlines are met.
- Implemented new and improved supply chain processes.

**Production Line Engineer**

Feb 2021 – Jun 2021  
Jordan

**Cfmoto**

- Assembled and produced over 40 motorcycles.
- Used a set of tools and equipment that are needed to produce and maintain spare parts.
- Provided productivity improvements to reduce total manufacturing cycle time,
- Assisted in diagnosing problems in the production line and provided recommendations.
- Facilitated in determining which machines, tools, and equipment will be used and where they will be stationed in the facility.
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- Provide processes that meet Cfmoto's standards in quality, ergonomics and safety along with sustaining required production rates.

## Personal Achievements

**Model United Nations - MUN**

**Head of Organizers**

- I established the Model United Nations club at my university in 2018, and I was chosen to lead the organizing committee for the university's first MUN national conference in 2019.
- The team and I were able to gather \$20,000 from sponsors from various sectors, including The British Council, The Swedish Embassy, and Zain Telecommunications, for the event.
- Planned and arranged the event with over 150 people in attendance.

## Certificates

**Nebosh Training - UK**

*National Examination Board in Occupational Safety and Health - Certified.*

**Google Management**

*Foundations of project management - Certified*



## Courses

### Innovation and Entrepreneurship Bootcamp - 12 Hours

Participation in

- Servant Leadership & Team Building.
- Entrepreneurship: Mindset, Business Modeling, and Value Proposition Design.
- Innovation & Human Centered Design.
- Hardware prototyping.

### Project Management Professional - 9 Hours

Performed and implemented **risk management** techniques on successful and failed case studies:

- SWOT analysis
- Probability and Impact Matrix
- Failure modes and effects analysis (FMEA)
- Fishbone Diagram

Participated in the engineering process of leading the work of a team to achieve all project goals within given constraints by applying set of tools and charts:

- Business model canvas.
- KPI's Key Performance Indicators.
- SMART Objectives.
- Gantt chart.
- Professional reports.
- Time Management and Team-Shared Calendar.

### • Lean Manufacturing - 9 Hours

Experienced applying lean manufacturing principals and tools in real-life workplace sites to eliminate every kind of waste:

- Six Sigma
- KAIZEN
- KANBAN
- 5S (Sorting, Setting in order, Shining, Standardizing, Sustaining).
- DMAIC (Define, Measure, Analyze, Improve, Control)



## Projects

### Solar Race Car

Jul 2021 – Feb 2022

#### Capstone Project

Designing and building a live solar-powered car without any type of power storage that could compete in international events.

### Development of Cooling Technologies for Photovoltaic Modules

Feb 2021 – Oct 2021

#### Research Paper Project

When converting solar energy to electricity, a large percentage of the energy is transferred for heating PV cells rather than electricity, resulting in higher cell temperature and lower electrical generation efficiency. I have participated in the research to study the probability of enhancing PV's efficiency and designing an appropriate engineering solution.



## Skills

**Strategic Planning.** | **Project Coordination** | **Analytical Skills** | **Process Improvement**

**Problem Diagnosing and Solving** | **Planning** | **Negotiation** | **Resourcefulness** | **Process Reengineering**

**MS office** ((Excel, PowerPoint, Word, Outlook)) | **Matlab** | **CAD Design** (Solidworks, AutoCAD)



## Languages

**Arabic**

*Native*



**English**

*IELTS certified*

