

MARAM MAHMOUD ELSAWY

Mechanical Engineer

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Objective

As a fresh graduate mechanical power engineer , I'm seeking opportunities which allows me to continue learning and perfecting my skills as I provide high quality work, and encourages me to flourish and share my experiences and knowledge with others.

Education

Bachelor of Mechanical Power Engineering September 2019 - July 2024
Alexandria University , Faculty of Engineering **Grade:** very Good
Graduation project:
Numerical And Experimental Study On Photovoltaic Thermal Cooling System Using Phase Change Material.
Supervised by Prof/ Mohamed Hassab And Ass. Prof/ Mohammed Al-Nakeeb **Grade:** A+

Internships & Training

- **INCOM EGYPT** 27 October 2024 – Present
QC Cables Engineer
- **PepsiCo Amerya plant** 1 July 2024 – 1 October 2024
Supply chain Intern, Maintenance Department
- **Apex-Fi** 1 August 2024 – 30 September 2024
NDT Inspection engineer scholarship
- **PioPetro** 1 May 2024 – 1 July 2024
Petroleum Engineering Intern (Remote)
- **Placement Dost** April 2024- May 2024
3D Modeling Intern (Remote)
- **She Works Wonders Program – 2nd edition** 1 October 2023 – 15 February 2024
INJAZ Egypt , PepsiCo , Danon , Nestle, P&G and MARS
Supply chain track Trainee
- **Gharably Integrated Engineering Co. (GIECO)** 9 September 2023 - 23 September 2023
Intern
- **Alexandria Co. For Pharmaceuticals and Chemicals (AXPH)** 12 August 2023 - 19 August 2023
Trainee
- **Siemens energy** 6 February 2022 - 17 February 2022
Internship Trainee (Remote)
- **West Delta Electricity Production Company** 1 August 2021 - 30 August 2021
Trainee

Academic Projects

- **Numerical And Experimental Analysis Of Drag And Lift Forces Acting On A Bullet Head** December 2023
- **Complete Design Of Air Cooler and Shell and Tube HEX** April 2023
- **Maximizing Efficiency of Thermal Power Plant** May 2022
- **Hydraulic Simulation of Water pipeline** May 2022
- **Dynamic Analysis and Modeling an Elliptical Trammel Mechanism** July 2021

Extracurricular Activities

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| • IT volunteer in Techne Summit | 26 September 2023 – 9 October 2024 |
| • R&D Volunteer in UCCD Engineering | 18 September 2022 –1 July 2024 |
| • OC Volunteer in Engineers job fair in Engineers syndicate Alexandria | 28 November 2022 –7 December 2022 |
| • Alumni Participant in Soliya Global circles exchange portal | November 2022 – December 2022 |
| • Trainee at M.I.A – Made In Alexandria | 23 August 2022 – 30 September 2022 |
| • Human Resources Coordinator at Hawk Insight project | 3 August 2022 – 20 September 2022 |
| • Volunteer in Student Union Alexandria University | 31 January 2022 – 18 December 2022 |
| • Multimedia sector member at Enactus Alexandria University | 31 October 2021 – 31 July 2022 |

Courses

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| ○ Selecting the Appropriate Cables and Wires Schneider Electric University | November 2024 |
| ○ Introduction to Quality Management and Systems Alison | November 2024 |
| ○ Maintenance Process Management PepU-Degreed | September 2024 |
| ○ NDT Welding Inspection level 1 Apex-Fi | September 2024 |
| ○ Introduction to ISO 9001 almentor | August 2024 |
| ○ ISO 45001 Occupation Health & Safety Management System almentor | August 2024 |
| ○ Forward Program McKinsey & Company | April 2024 |
| ○ Maintenance and reliability training RES Global | March 2024 |
| ○ Supply chain Course American chamber of commerce in Egypt | February 2024 |
| ○ Project Management program Project Management Institute | February 2024 |
| ○ Supply Chain Principles Coursera | December 2023 |
| ○ CFD Simulation Through a Centrifugal Pump Coursera | November 2023 |
| ○ Bearing Basics Course SKF Group | July 2023 |
| ○ BIM workflow in construction Autodesk | September 2021 |
| ○ Arduino Course Robotics Academy | September 2020 |

Personal Skills

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| ○ Problem Solving | • Personal development | ○ Attention to detail |
| ○ Presentation skills | • Negotiation | ○ Creativity skills |

Technical Skills

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| • Microsoft office (Word - PowerPoint - Excel -) | ○ Endnote | • Grapher |
| • Mechanical design (SOLIDWORKS- Ansys- AutoCAD- COMSOL) | ○ MATLAB | • WaterGEMS |
| • Photo Editing (Photoshop - Lightroom) | ○ ESS | • HTRI Xchanger |
| • FESTO fluid SIM | ○ PVsyst | • PVsol |

Languages

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|-------------------|----------------|-----------------|----------------|
| ○ Arabic (Native) | • English (B2) | ○ Deutsch (A1) | • Italian (A1) |
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