Fady Gamil

Mechanical Power Engineer

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in Linkedin 🛡 Exempted ◐ Github

Objective

I'm a junior mechanical power engineer wishing a growth in usage of sustainable methods in power generation so I am eager to contribute my skills and knowledge to new opportunities in this field.

I'm also passionate about machine learning and data analysis.

Education

Bachelor of Mechanical Power Engineering   2019 – 2024

Cairo University

Experience

El Sewedy Electric T&D   Aug 2023 – Feb 2024

Intern   5th settlement, Cairo

Courses

AutoCAD Fundamentals   Jul 2024

TeraCourses

Foundations of Project Management   Oct 2023 – Dec 2023

Google (*provided by coursera*)

  Duration: **18 hours**

  Grade achieved: **93.86%**

Machine Learning Specialization   Dec 2022 – Feb 2023

Stanford university (*provided by coursera*)

  Duration: **55 hours**

  Grade achieved: **99.4%**

Machine learning   Aug 2022 – Dec 2022

Stanford university (*provided by coursera*)

  Duration: **60 hours**

Grade achieved: **94.5%**

Projects

Solar Water Heating system   Oct 2023 – Jul 2024

Graduation Project

Implementing a solar water heating system to provide hot water for a medium-scale house of five persons offering an environmentally friendly alternative to traditional methods.

PV Monitoring system   Sep 2023 – Jan 2024

El-Sewedy Electric T&D

It's a technology that tracks and analyzes the performance of solar power installations. It measures energy production, system efficiency, and environmental factors like temperature and shading.

Skills

Soft Skills

- Attention to details
- Problem-solving
- Analytical skills
- Critical thinking

Technical Skills

- AutoCAD
- Machine Learning
- Data visualization
- Tensor Flow
- Deep Learning
- Python
- Learning algorithms
- Word
- Excel
- PowerBI

Languages

Arabic — Native/Bilingual   **English** — Proficient