

Fatma Abdeen Elsharawy

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Profile

With 6 years of experience as a Production Engineer and Teaching Assistant, I have cultivated a well-rounded skillset in production mechanical engineering. My strengths lie in meticulous organization, deep technical knowledge, and the ability to juggle multiple tasks with ease. I thrive in collaborative environments, leading and motivating teams to achieve optimal results.

Education

2023-expected 2025

MSc degree in Engineering Materials

Faculty of Engineering, Banha University, Qalubia.

2013- 2018

Bachelor's degree in Production And Design Mechanical Engineering

- Faculty of Engineering, Banha University
- Grade: (83.36 % Very Good with Honour Degree) and ranked the 3rd.
- Graduation project: 3D filament machine extruder (excellent).

Work Experience

2022-present

Demonstrator

Delta Technological University (DTU), Menoufiya.

- Leveraged strong communication and instructional skills to lead over 10 engaging courses, fostering a positive learning environment for students, for example Engineering Material, Mechanism Design and Production Planning and Control Courses.
- Formulating schedules and plans aligned with the specific nature of each course.
- Conducting assessments of students' learning and generating reports detailing their academic achievement.

2024-present

Recruitment and employers' relations officer

University Centre for Career Development, DTU, Menoufiya.

- Successfully secured internships and job placements for a significant number of students.
- Increased employer engagement through the development and implementation of effective recruitment strategies.
- Empowered students with essential career development skills through engaging workshops and personalized coaching sessions.

2018-2022

Production Mechanical Engineer

Abu Zaabal Company for Specialized Industries (Military Factory 300)

- Developed and implement schedules and plans to achieve key performance indicators (KPIs) for production efficiency.
- Oversaw the entire production and packaging process, ensuring smooth operation and adherence to standards.
- Actively participated in the team responsible for applying 4th industrial revolution I4.0 technologies to optimize production processes.
- Facilitated communication and collaboration with visiting foreign experts during new equipment installations or production line maintenance.
- Provided leadership and direction to production teams.

Certified Courses

- **December 2024:** Employability Skills Track Training of Trainer- Aspire Company.
- **December 2024 & April 2024:** Certified Career Service Provider, Finished Facilitating Career Development Training - American University in Cairo and NCDA.
- **September 2024:** Certified Professional Trainer- The American Chamber of Commerce.
- **Summer 2023:** Enhanced teaching skills through courses covering Teaching Methods, Curriculum Development, Evaluation Systems, Examination Preparation, Distance Learning, and Career Guidance.
- **September 2021:** SCADA (Complicity) - GE Certification.
- **September 2021:** MES (Plan Application) - GE Certification.
- **March 2021:** Small Calibre Ammunition, Medium Calibre Ammunition, and fuses in Military Technical College.
- **October 2017:** SOLIDWORKS program – Jelecom Company.

Summer Internships:

- **July 2016:** Banha Company for Electronics (Factory 144) - Training related to military production.
- **August 2017:** Al Araby Group for Electric Machines - Training in electric machine operations.
- **September 2017:** Target Company for Construction - Training in construction practices.

Skills

- **Technical skills:** SolidWorks, AutoCAD, MATLAB and Swan Soft CNC (SSCNC).
- **Programming Languages:** C, C++, Ladder and Python.
- **Computer Skills:** Microsoft Office (Excel, Word and Power Point)
- **Languages:** Arabic (Native), English (Fluent), French (Basic)