



MSc Majd Hussein

Date of birth: 24/08/2000

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Locations: Aley, Bchamoun, Lebanon

Driving License: Category B

ABOUT ME

Mechanical Design Engineer with 4+ years of experience in **MV switchgear product design** (AIS & GIS), **metal fabrication**. Proficient in **CAD (Creo & SolidWorks)**, **SAP**, and **PDM Windchill**, experienced in engineering documentation and **BOM checks** in industrial environments. Twice Stipendium Hungaricum scholarship holder and former research assistant recognized for academic excellence. Interested in **sales, EPC, construction, plumbing, energy**, and **infrastructure consulting projects**. Open to relocation.

WORK EXPERIENCE

SCHNEIDER ELECTRIC | KUNSZENTMIKLÓS / DUNAVECSE, HUNGARY

MECHANICAL DESIGN ENGINEER | 01/08/2023 – 31/12/2025

- Customized non-standard **MV medium-voltage switchgears**; aligned specifications with engineered **design**.
- Produced complex **installation manuals, designs, drawings**, and **project documentation**; ran **bill-of materials (BOM)** checks using **CAD Creo, PDM, project process flows**, and basic **SAP**.
- Collaborated with project managers, exposure to cross-functional teamwork & handled **change managements**.
- Technical guidance and **production support** for **service, rework** and **maintenance**.

JUNIOR MECHANICAL DESIGN ENGINEER | 01/04/2022 – 01/08/2023

- Engineered custom jigs and plastic **tooling** solutions to improve production efficiency and quality.
- Supported **project documentation** and design tasks of **LV (low-voltage)** panels using **sheet metal**.

ESTABLISHMENT OF BAZ FOR INDUSTRY & TRADE | BCHAMOUN, LEBANON

MECHANICAL ENGINEERING INTERN | 01/04/2021 – 01/07/2021

Rotation through **metal cutting, cutting, rolling, forming, heat-treatment, manufacturing of machines, construction materials** and **molds** and strengthened shop-floor fundamentals.

UNIVERSITY OF DUNAÚJVÁROS | DUNAÚJVÁROS, HUNGARY

RESEARCH ASSISTANT – 01/09/2020 – 01/01/2021

Contributed to research on the effect of compost and converter sludge on plant growth and soil pH.

EDUCATION AND TRAINING

UNIVERSITY OF DUNAÚJVÁROS | DUNAÚJVÁROS, HUNGARY

MSC, MECHANICAL ENGINEERING (LIFETIME MANAGEMENT SPECIALIZATION) | 01/9/2023 - 01/06/2025

Final grade: 4.53/5 | Education Level in EQF: 7 | Thesis: Process Optimization & Customization of Medium Voltage Switchgears in Mass Production for Power Distribution Switchboards

UNIVERSITY OF DUNAÚJVÁROS | DUNAÚJVÁROS, HUNGARY

BSC, MECHANICAL ENGINEERING (MECHATRONICS SPECIALIZATION) | 01/09/2019 – 01/06/2023

Final grade: 4.02/5 | Education Level in EQF: 6 | Thesis: Preparation of Nanoparticles Using Underwater Explosion of Metallic wire by Means of Electric Discharge

LANGUAGES

ARABIC NATIVE | ENGLISH C1 | FRENCH C1 | HUNGARIAN B2

SKILLS - PERSONAL, TECHNICAL, MANUFACTURING & SOFTWARE

GD&T, FAT, Single Line Diagram (SLD), 3D modelling CAD, HFE, ERP (PDM & SAP), Ingress Protection (IP) ratings and explosion protection (ATEX), Non-conformity report (NCR) energy management, Root Cause Analysis (RCA), FMEA, Lean, Six Sigma, DFMEA, PFMEA, APQP, Fishbone Diagram, Lessons Learned, PDCA, EPC projects, OEM, ETO (Engineering to Order), CTO (Customer to Order), industrialization processes, MBSE, DFM, DFA, CNC Machining, JIRA, HVAC, SF6 training, Microsoft Office, ownership mentality, decision making, problem solving, continuous improvement mindset & stakeholder communication.