

CHRIS TAWK

OBJECTIVE

Second-year Mechanical Engineering student at the University of Saint Joseph of Beirut with practical experience in industrial predictive maintenance, reliability engineering, and manufacturing operations gained through competitive internships. Proficient in AutoCAD and trained in diagnostic techniques including vibration analysis, thermography, and laser shaft alignment. Disciplined, precise, and driven by a strong work ethic, committed to delivering quality results in any engineering environment.

PROFESSIONAL EXPERIENCE

IOSS – Industrial Optimum Solutions & Services – Dora, Lebanon Dec 2024 – Present
Mechanical Engineer & Operations Manager | Internship Dec 2024 – Mar 2025

Mar 2026 – Present · Mechanical Engineer & Operations Manager

- Performed laser shaft alignment on industrial rotating machinery, reducing vibration levels and extending equipment service life.
- Conducted vibration analysis to diagnose mechanical faults and prevent unplanned production downtime.
- Carried out thermography (infrared thermal imaging) inspections to detect electrical and mechanical anomalies across plant equipment.
- Executed dynamic balancing of rotating masses to eliminate imbalance-related vibration and mechanical stress.
- Assisted with motion analysis, lubrication studies, and failure analysis for heavy industrial clients.
- Coordinated field service activities and contributed to client reporting and operations management.

Dec 2024 – Mar 2025 · Internship

- Introduction to maintenance and analysis of motors and gearboxes.
- Learning thermal imaging on electrical panels.

MecaBed – Dekweneh, Lebanon Jun 2024 – Aug 2024

Manufacturing Intern

- Gained hands-on experience in the manufacturing and assembly of bed mechanisms, including bunk beds, hydraulic storage beds, and folding beds.
- Operated industrial tools and worked with various materials, developing practical mechanical fabrication skills.
- Observed and assisted in production workflow processes and quality control procedures.

EDUCATION

University of Saint Joseph of Beirut – Mansourieh, Lebanon 2024 – Present
Bachelor's Degree in Mechanical Engineering

Collège des Saint Cœurs – Ain Najm, Lebanon 2023 – 2024
Lebanese Baccalaureate – General Science

SKILLS	• AutoCAD – <i>Intermediate level, approximately 1 year of hands-on CAD drafting experience.</i> • Predictive Maintenance – <i>Laser Shaft Alignment, Vibration Analysis, Thermography, Dynamic Balancing, Motion Analysis, Failure Analysis, Lubrication Study.</i> • Microsoft Office – <i>Word, Excel, PowerPoint.</i> • Languages – <i>Arabic (Native), French (Advanced), English (Proficient), Spanish (C2).</i>
HOBBIES & INTERESTS	• Sports & Physical Fitness – <i>Regular gym training and Muay Thai boxing at Bold Fight Academy, Mansourieh, Lebanon.</i> • Football – <i>Atletico Club, Mansourieh, Lebanon.</i>
REFERENCES	Sleiman Mhanna – <i>Mechanical Engineer, IOSS – Industrial Optimum Solutions & Services</i> <i>Tel: (+961) 76 134 323</i>