

PROFESSIONAL EXPERIENCE

MARTUR Fompak International – *Mechanism Product Development Specialist (Full-Time)*; Torino December 2024 – Present

- Contributed to the design and development of modular latch mechanisms, continuous/discontinuous recliners, and manual swivels for automotive seat systems
- Supported the 4S Smart Seat project funded by the Italian government, integrating intelligent safety and health monitoring features
- Performed mechanical design and drafting (GD&T) of car seat mechanisms by using CATIA V5, contributing to product development and production processes
- Conducted tolerance stack-up analysis to ensure functional performance and dimensional compliance of seat mechanism
- Developed assembly procedures for automotive seat mechanisms, ensuring efficient and repeatable manufacturing processes
- Carried out structural analysis using CATIA V5 FEA (GAE & ANL) and conducted motion behavior validation through DMU Kinematics to ensure design feasibility of seat mechanisms
- Prepared Bills of Materials (BOM) and conducted cost and schedule analyses in MS Project, optimized project timeframes and expenses
- Coordinated with suppliers to track production timelines and ensure alignment with project milestones

MARTUR Fompak International – *Manufacturing Specialist (Internship)*; Torino August 2022 – October 2022

- Contributed to the streamlining of manufacturing processes on the FIAT 500e assembly line, gaining first-hand experience with cutting-edge manufacturing practices in a Tier 1 supplier to Stellantis, Renault, Volkswagen, and Ford
- Collaborated with production engineers and other team members to conduct root cause analysis of identified defects
- Monitored real-time production operations, identifying process inefficiencies and proactively flagging risks to minimize downtime
- Executed quality control inspections (color, weight, bending), ensuring adherence to strict OEM specifications and maintaining consistent product quality

EDUCATION

Politecnico di Torino – *Master of Science in Engineering and Management (Dropped-Out)*; Torino September 2023 – March 2024

Relevant Coursework: Financial Modeling; Corporate Finance, Corporate Governance and Finance; Organization & Management; Information Systems; Project Management

Politecnico di Torino – *Bachelor of Science in Mechanical Engineering (Completed)*; Torino September 2019 – September 2023

Relevant Coursework: Machine Design; Engineering Drawing; Thermal and Hydraulic Machines & Fluid Power; Strength of Materials; Manufacturing Processes; Technology of Materials & Technology of Metallic Materials

Internship: Manufacturing Internship, MARTUR Fompak International - October 2022

Thesis: Supplier Quality and Evaluation Techniques

SKILLS & CERTIFICATIONS

Programs: CATIA V5 (DMU Kinematics, GAE, ANL-Abaqus), SolidWorks, Python, Microsoft Office, MS Project

Certifications: McKinsey Forward, Career Essentials in Project Management by Microsoft

Language Skills

- English, Advanced (C1-CEFR)
- Turkish, Native (C2-CEFR)

