

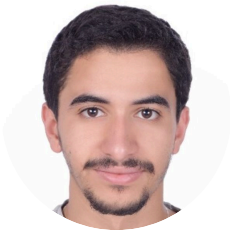
Nizar Cherif Junior Mechanical Engineer

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📍 Dunaújváros, Hungary

🌐 <https://www.linkedin.com/in/nizar-cherif-10b1b9166/>



📁 Professional Experience

- RUIBOTICS**
Robotics and automation maintenance engineer
January 2025 – present
Budapest, Hungary
 - Maintained and repaired 50+ robots AGVs and AMR including Geekplus P40 & RS5, Hikrobot FMR F1-1000U, ABB AMR P304, and Servus ARC5.
 - Diagnosed and repaired 90%+ of mechanical, electrical, communication, and software issues on-site.
 - Implemented preventive maintenance, reducing breakdowns by 30% in warehouse.
- BME Aerospace Team**
Mechanical design engineer
June 2024 – present
Budapest, Hungary
 - Led the design of the fueling system's plumbing for Nitrous Oxide and Gaseous Oxygen in Hungary's first student-built hybrid rocket, AETHER M.
 - Engineered a cutting-edge parachute deployment system that improved reliability by 30%, achieved a weight reduction of 15% through optimized materials, and enhanced compactness for more payload storage.
- Royal Automobile Kft.**
Automotive Mechanic
September 2023 – present
Budapest, Hungary
 - Diagnosed and repaired over 500 vehicles, specializing in both mechanical and electrical systems
 - Ensured safety standards by performing thorough inspections that led to zero return incidents related to maintenance issues.
- EPPM (Engineering Procurement and Project Management)**
Intern, Mechanical Engineer
January 2023 – June 2023
Tunis, Tunisia
 - Designed a fire-fighting water pumping system within an LPG compression station in Algeria.
 - Managed the entire process from sizing and calculations to 3D modeling in AutoCAD Plant 3D, ensuring compliance with ASME, NFPA, IBC, and SHELL DEP standards.
 - Developed detailed isometric drawings for all system components.
- IFRISOL SARL**
Intern, Mechanical engineer
January 2022 – March 2022
Kairouan, Tunisia
 - Researched automation techniques for soldering bus bars on half-cut photovoltaic cells.
 - Developed a solar panel dryer, reducing curing time from 7 hours to 2 hours, resulting in a 30% increase in production efficiency.
- Peugeot STAFIM**
Intern, Automotive Service Technician
January 2020 – March 2020
Tunis, Tunisia
 - Diagnosed and repaired Peugeot vehicles, performed routine maintenance, and used diagnostic tools to assess performance.
 - Gained hands-on experience with engine, transmission, and electrical systems.

🎓 Education

- University of Dunaújváros**
Mechanical Engineering MSc
September 2023 – June 2025
Dunaújváros, Hungary
 - Lifetime Management
- Higher Institute of Technological Studies of Rades**
Mechanical Engineering BSc
September 2019 – June 2023
Ben Arous, Tunisia
 - Energy Engineering

🧠 Skills

- AutoCad, Autocad Plant 3D, Solidworks, Onshape
English (C1), French (B2), German (A2), Arabic (C2)
- CAESAR II, PIPENET Vision, PVsyst, MATLAB, KiCad, C ++, SQL, Python

🏆 Certificates and Awards

SOLIDWORKS Certified Mechanical Design associate: CSWA, Certified in the design and fabrication of printed circuit boards (PCB), 1st Position achieved in the scientific student confrence 2024 (TDK)