

TORDJMAN Ryan

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Personal Statement

A self-motivated, enthusiastic and reliable individual with a talent for generating new ideas and identifying ways for companies to improve systems and processes. Demonstrates an inherent ability to prioritise work with a proven track record for consistently meeting deadlines whilst maintaining exacting standards. Works well under pressure and is motivated by a high level of responsibility, variety and the ability to implement new ways of thinking. Possesses strong organisation skills and enjoys coordinating events and functions.

Education

Master of Engineering: Expected in 01/2025, **École Nationale D'Ingénieurs De Tarbes – ENIT**

ENIT has a training course of five years in accordance with European standards: organisation of the course into semesters, evaluation by ECTS, diploma supplement, granting of the ENIT diploma in engineering conferring the Master's degree -MEng

- Study Abroad (6 months): Mechanical engineering - Politechnika Opolska, Poland
 - Core subjects: Advanced Mathematics and Calculus, Engineering Mechanics, Project Management, Industrial Engineering, Electrical Circuits and Electronics, Materials Science, Control Systems and Robotics
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Work Experience

Engineering Intern, (09/2022 - 01/2023) Laboratory For Optimization Of Advanced Manufacture - Montreal, QC

- Characterization of Titanium Parts Produced by Additive Manufacturing
- Conducted X-ray tomography analyses to assess internal structures and identify potential defects in materials.
- Executed comprehensive mechanical testing procedures to evaluate the strength, durability, and performance characteristics of materials.
- Conducted in-depth surface studies using advanced techniques to analyse and characterize the topography and properties of materials.
- Optimized process efficiency by implementing data-driven analysis and improvement strategies.
- Collaborated with cross-functional teams for seamless project execution and optimal results.
- Supported continuous improvement efforts, identifying areas of potential optimization in manufacturing processes.

Engineering Intern, (11/2020 - 01/2021) Nexter Munitions- Tarbes, France

- Risk Analysis of Machine Park :
Conducted a thorough risk analysis for the machine park, prioritizing and categorizing potential hazards. Collaborated with cross-functional teams to gather insights and utilized industry-standard methodologies for assessment.
- Implementation of Prevention Plans :
Formulated and executed comprehensive prevention plans based on the risk analysis. Coordinated with stakeholders to ensure effective implementation, regularly monitoring and adjusting strategies as needed.

Seasonal employment opportunities, (summer months from 2017 to 2023) Nice, France

- Administrative assistant :
Enhanced office efficiency by streamlining administrative processes and implementing organizational systems.
Ensured accurate record-keeping with diligent data entry and database management for vital company information.
- Construction worker assistant :
Enhanced project efficiency by assisting in the preparation and organization of construction sites.
Supported team members with various tasks, resulting in timely completion of projects.
Reduced material waste by accurately measuring and cutting materials according to specifications.
- Assistant electrician :
Ensured safety compliance by conducting regular inspections of electrical systems and equipment, identifying potential hazards.
Assisted in the installation of new electrical systems for clients, resulting in increased customer satisfaction and repeat business.
- Food service worker :
Operated cash register accurately, managing transactions efficiently while providing excellent customer service.
Utilized strong multitasking skills to manage multiple orders simultaneously without compromising quality or accuracy.
Developed rapport with customers, fostering loyalty, repeat business, and positive word-of-mouth referrals.

Professional Skills

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| • Engineering Documentation | • Leadership |
| • Data Research | • Project management |
| • AutoCAD | • Communication |
| • Lab Test Setup | • Resource Optimization |
| • Teamworking | • Manufacturing Engineering |

Languages - French (Native), Italian (Autodidact)

Software Skills :

CAD: Catia V5, SolidWorks, Autodesk
Simulation: Matlab (Simulink), PSIM
Programming: Python, C/C++, html
Office automation: Office Pack

Technical System :

Machining: Lathe, Milling machine, 5 axes
Additive manufacturing: LPBF (titanium), 3d printing (polymer)
Metrology
Thermal treatment

Interests and Extracurricular Activities

My dedication to combat sports and weightlifting has deeply influenced my professional qualities. Engaging in combat sports taught me discipline, focus, and effective handling of pressure. Weightlifting instilled precision, goal-setting, and continuous self-improvement. Together, these disciplines shaped a work ethic centered on resilience, discipline, and self-motivation. This blend of mental and physical training not only enhances my performance but also promotes teamwork, respect for diverse perspectives, and a commitment to collective goals in the workplace.