

## EXPERIENCE

### Project Engineering Intern | SUBSEA Projects

Apr 2024 - Currently

*TechnipFMC*

*Rio de Janeiro*

- Developed and implemented technical KPIs (Lead Time, OTD) to track engineering throughput, achieving a **37% reduction** in response time and a **26% reduction in lead time** for Independent Review Certificates (IRCs) across the SUBSEA Flexible portfolio. (*Tools: MS Excel, MS Power BI; methodologies: PDCA, 5W2H, Lean*)
- Executed hands-on engineering support activities, including data-driven prioritization of tasks, technical follow-ups, and interface with project engineers to enhance execution efficiency and ensure compliance with client requirements. (*Interfaces: Product Engineering, Quality, Supply Chain*)

### Vice President

Dec 2021 - Dec 2023

*IEEE Student Branch student team RocketWolf*

*Rio de Janeiro*

- Led technical restructuring of engineering workflows (V&V, integration, design reviews), achieving **11th place** at the Latin American Space Challenge 2023 among international teams.
- Optimized and validated **Propulsion** and **Aerodynamics** subsystems using **CFD/FEA** and bench testing, delivering **innovative solutions** and mass reduction through trade-off studies. (*Tools: Solidworks, OpenMotor, OpenRocket, Excel*)

### Teaching Assistant

Feb 2022 - Dec 2024

*CEFET-RJ - Cordination of Numerical Analysis Laboratories*

*Rio de Janeiro*

- Applied **CAD/CAE** tools and **engineering standards** (ISO/ABNT, GD&T) to support laboratory activities and technical documentation, reducing rework and improving design clarity.

## EDUCATION

### Bachelor of Mechanical Engineering

Jun 2021 - Jul 2026 (expected)

*CEFET-RJ und. Maracanã*

Main courses: Mechanics of Materials, Metallurgy, Corrosion in Engineering, Manufacturing processes, Welding fundamentals.

### Second Language Learning

Oct 2015 - Nov 2020

*FISK Recreio*

### Programme Personnalisé d'Apprentissage

Aug 2019 - Jul 2024

*FISK Recreio*

## SKILLS

### Communication

 PT (native),  EN (CEFR C1),  FR (CEFR B2),  ES (CEFR B1)

### Programming

DAX (Advanced), Python (Basic), C (Basic), LaTeX (Basic)

### 3D Modeling (Intermediate)

SolidWorks, Autodesk Inventor, Onshape, Fusion360

### Other (Intermediate)

R&D, Prototyping, Testing, Systems Integration, Operations