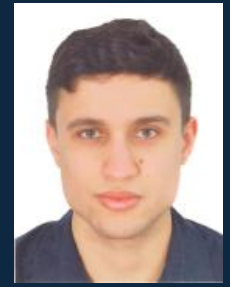


Marcus BAYOT – Electromechanical Engineer

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About me

Recently graduated electromechanical engineer with a first professional experience in the field. I am now seeking a new challenge to further develop my skills and contribute to innovative projects. Thanks to my academic background and hands-on experiences, I have built a strong technical versatility, allowing me to adapt quickly across various domains. I have a particular interest in mechanical design, CAD tools and especially numerical simulation.

Work experience

- Nov 2024 – now Mechanical engineer, **IT LINK Benelux**, Liège, BELGIUM
- Review and correction of technical drawings (*CREO Parametrics & Windchill*)
 - Application of geometric dimensioning and tolerancing (*GD&T*)
 - Support for mechanical development projects
 - Follow-up and validation of FEA simulation
 - Numerical analysis and data processing using Matlab and Excel
 - Collaboration with multidisciplinary teams
- 2023-2024 Internship as Thermal engineer, **Thales Alenia Space Belgium**, Charleroi, BELGIUM
- Design of a custom experimental test bench and protocol
 - Validation of experimental results using FEA
- Summer 19 – 24 Multiple student jobs & discovery internship

Education

- 2018-2024 Master's degree in Electromechanical Engineering, *specialized in Energy and Special Technique*
Haute Ecole Louvain en Hainaut, Mons, Belgium

Skills

- ❖ **CAD Software:** SolidWorks, Creo Parametrics, AutoCAD
- ❖ **Simulation & Analysis:** Ansys Mechanical, Matlab
- ❖ **Programming Languages:** Python, Matlab, Java, APDL
- ❖ **Office Tools:** Word, Excel, Powerpoint, OneNote, Outlook
- ❖ **Languages:** French, Portugues, English (B2)

Hobbies

Music, playing in a band

Soccer in a club, skiing

Formula 1