



Alka Ibrahim Moustapha - Civil Engineer (Polytechnic)

Date of birth: 03/06/2000 | **Gender:** Male | **Phone number:** (+32) 497799564 (Mobile) |

Email address: Alkaibrahim.m@hotmail.com |

Address: Rue Dupré, 94, 1090, Bruxelles, Belgium (Home)

ABOUT ME

I am a young engineer from the Royal Military Academy, which is a military school. Within this institution, I have received a comprehensive training that encompasses sports, military, academic, and personal development aspects. During my last year, I mainly focused on mechanical engineering.

Thanks to this diversified education, I am capable of approaching problems in a holistic manner and finding effective solutions. My military training has instilled values such as discipline, resilience and a sense of responsibility, which is reflected in my work approach.

As a graduate of the Royal Military Academy, I have a strong foundation in engineering sciences, enabling me to understand and analyze complex systems. I have also developed skills in design, modeling and problem-solving, allowing me to make significant contributions in the field of mechanics.

I am motivated by technical challenges and have the ability to work effectively in demanding environments. My military training has taught me to be rigorous, organized, and results-oriented. I am also capable of working in teams, communicating clearly and concisely, and making informed decisions within tight deadlines.

I am passionate about applying my mechanical engineering skills to solve real-world problems and contribute to the development of innovative technologies. I am excited about the prospect of working alongside other talented professionals, collaborating, and tackling challenges to provide innovative and competitive solutions.

EDUCATION AND TRAINING

08/2025 Bruxelles, Belgium

POLYTECHNIC ENGINEER Royal Military Academy

- Computational Fluid Dynamics
- Applied Physics
- Computer Aided Design
- Aerodynamic studies

Website <https://www.rma.ac.be/fr> | **Field of study** Mechanical Engineering (with focus on Structures, Mobility, and Propulsion). |

Final grade Master 2 with distinction | **Thesis** Numerical and experimental study of a morphing wing in supersonic flow

SKILLS

Technical skills

Matlab/Simulink | Microsoft Office Suite | CAD modeling | CATIA | Autodesk Fusion 360 | SolidWorks | Python modeling | Mecway | CFD - Siemens StarCCM+ | Finite Element Analysis (FEA) | Electronics

Soft skills

Discipline & Reliability | Teamwork & Collaboration | Curiosity & Proactive Learning | Leadership | Adaptability | Problem-Solving | Flexibility | Time Management | Resilience & Stress Management

Language skills

French: native | English: B2

● **ADDITIONAL INFORMATION**

01/09/2024

HONOURS AND AWARDS

Prize of the best athletic progress – Royal Military Academy : This prize rewards the student who has shown the best athletic progress throughout the program at RMA.

MANAGEMENT AND LEADERSHIP SKILLS

Blue Caque of International Students at the Royal Military Academy From 01/09/2023 till 23/06/2024 :

- I was responsible for fostering cohesion among all students from different nationalities at the Royal Military Academy
- I was also responsible for organizing activities, particularly within the school, to raise funds for the Africa Project. This project aims to provide educational assistance in an African country represented at the Royal Military Academy.