

I am writing to express my strong interest in the InterMaths Erasmus Mundus Joint Master Degree program. As a current Masters student in AI at AIMS Senegal and an Electronics and Telecommunication Engineer, I am highly motivated and innovative, with a passion for creative electronics projects. I possess strong communication and leadership skills, and I am a dedicated team player.

During my undergraduate studies at the University of Rwanda, I was involved in several research projects, including a study on electromagnetic induction in 2016 and a project on an Intelligent Lighting System in 2017. These experiences sparked my interest in pursuing graduate studies, and I believe that the InterMaths Erasmus Mundus Joint Master Degree program will provide me with the knowledge and skills needed to become a registered professional engineer, innovator, and problem solver.

In addition to my academic achievements, I have also had the opportunity to participate in several leadership training programs, including military training at Gabiro Training Center, where I was selected as a young professional and had the privilege of meeting with the H.E President of the Republic of Rwanda in August 2018. These experiences have helped me develop my leadership skills and taught me how to interact with different leaders and talented scholars from around the world.

During my undergraduate studies, I was an active member of a project for designing urban Microcell systems for 5G backhaul connectivity and beyond wireless Technology under Dr. Omar Gatera's supervision. This project, as well as my final year projects on smart technology and an online examination system, have supplemented my learning practicality and provided me with hands-on experience with real-time work environments. I have also completed training as an Electrical Engineer in part of Heineken Company (BLalirwa), as well as internships at Gisenyi Hospital as a Biomedical Engineer and Vision Technology as a Technician in the field of Telecommunication.

In addition, I have participated in many events and webinars, where I have received various prizes and certifications, including specializations courses in information systems, introduction to HTML5, and wireless communication for everybody offered at the University of Minnesota, University of Michigan, and Yonsei University, respectively. These experiences have helped me attain interpersonal skills, intuition, knowledge, and exposure to hands-on experience with real-time work in the environment.

My current personal research is focused on Automated Electricity fire detection and Alarm in Rwanda, and I believe that the skills and training that I continue to gain will help me progress and finalize my research, which is designed to solve big problems in our engineering fields.

I believe that the InterMaths Erasmus Mundus Joint Master Degree program will provide me with the opportunity to further develop my skills and contribute to innovative future leaders and future transformative engineers. Thank you for considering my application.