

As an Electronics and Telecommunication Engineer with a background in Artificial Intelligence, I have always been interested in applying technology to solve real-world problems. My undergraduate studies, research projects, and work experience have provided me with a strong foundation in both engineering and computer science. Now, as a current master's student in Artificial Intelligence at AIMS Senegal, I am eager to continue building on this foundation by pursuing a Master's degree in Quantum Engineering at PSL University.

PSL University's reputation as a leading research institution in France and its strong focus on interdisciplinary research make it an ideal place for me to further my education. I am particularly drawn to the quantum engineering program, which will allow me to explore the intersection of quantum physics and engineering, and apply these concepts to real-world problems.

During my undergraduate studies, I worked on a project designing urban microcell systems for 5G backhaul connectivity, which gave me a deeper understanding of wireless technology and its potential applications. I have also completed an online course in wireless communication and have experience working in the telecommunications industry. This experience has provided me with a solid foundation in classical engineering principles that I can leverage in the context of quantum engineering.

In addition, my experience as a data analyst and internships in biomedical engineering and telecommunications have given me practical experience in applying engineering principles to real-world problems. I believe that this experience, combined with the theoretical knowledge I will gain in quantum engineering at PSL, will enable me to become a highly skilled and effective quantum engineer.

I am particularly interested in the research being conducted at PSL in the area of quantum computing and quantum communication. I am excited about the possibility of developing new quantum algorithms and protocols that can revolutionize fields such as cryptography and cybersecurity. Additionally, I am interested in the potential applications of quantum sensing and imaging in fields such as medicine and environmental monitoring.

Finally, I am eager to contribute to the PSL community by collaborating with my fellow students and faculty members. I have experience working in diverse teams, including during my military training and undergraduate projects. I believe that my leadership skills and communication abilities will enable me to contribute to PSL's mission of fostering innovation and cutting-edge research.

In conclusion, I am confident that PSL's quantum engineering program will provide me with the knowledge, skills, and network necessary to achieve my goals of becoming a registered professional engineer, innovator, and problem solver in the field of quantum engineering. I am excited about the opportunity to join the PSL community and make a positive impact on the world through quantum engineering.