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Paris, September 18, 2024

Subject: Application for the R&D Project

Dear Agoulmine,

I am writing to submit my application for the R&D projects. As a current student in M2CNS-SR, I am very interested in the opportunity to contribute to these innovative projects, which closely align with my academic and professional goals.

With my experience in software development during my internship at Weshop in Paris, and my participation in the Talent Introduction Program in Wuxi, China, where I received intensive training in IoT and digital technologies, I feel prepared to contribute to complex and innovative projects. After reviewing the various projects, I would like to apply for one of the following three projects with my colleague Yicheng QIAN, ranked by priority:

1. **B- R&D Projects in SDN UE: Optimization and Monitoring of Video Delivery in Hierarchical Edge/Fog Computing using SDN: Video Streaming Use Case**

The optimization of video streaming, particularly in a fog computing environment, is a field I am highly interested in. I am eager to explore the advantages of SDN in improving the quality of low-latency video delivery, and I am confident that my expertise in network architecture will be beneficial to the project.

2. **C- R&D Projects in QoS UE: Tooled Methods for the Deployment of Secure Services in the Internet of Vehicles (IoV)**

The Internet of Vehicles is an innovative field, and I aim to contribute to the design and implementation of secure service deployment methods in this environment. I am excited to deepen my knowledge of simulation using tools such as SUMO and NS3 as part of this project.

I would be happy to discuss these projects in more detail and to collaborate with my colleague **Yicheng QIAN** on one of them, depending on the group's needs. I remain at your disposal for any additional information.

Thank you for considering my application, and I am available for any questions.

Sincerely,
Linxiang CONG