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| --- | --- |
| Malo Chauvel | ${Recipient's Name} |
| Paris, France | ${Company's Name} |
| malo.chauvel@student-cs.fr | ${Company's Address} |
|  | ${City, State, ZIP Code} |

${Date}

Dear ${Recipient's Name}

I am writing to express my interest in the ${Position} at ${Company's Name}. With a strong background in data science, machine learning, and a passion for market finance, I'm enthusiastic about finding out how my skills and experience could meet the needs of this position.

Currently, I am pursuing my MSc in Computer Science at CentraleSupélec - Paris Saclay University, a selective program that has equipped me with a robust foundation in mathematics and computer science. My academic journey has been complemented by practical experiences that have honed my ability to develop and implement advanced data-driven solutions.

At the Paris Digital Lab, I took part in a selective innovation training program in which I developed three minimum viable products (MVPs) for real companies. I'm also developing an AI-powered solution for Natixis Investment Managers, to optimize their data management. Prior to this, my internship at the Center for Hybrid Intelligence in Aarhus, Denmark, enabled me to develop my skills in project management, integrating the human element at the heart of each solution.

One of my most relevant experiences is my freelance project for Vencortex, a German fintech company. In this role, I created and optimized a reinforcement learning agent based on the Online Decision Transformer model for portfolio allocation. This project gave me my first taste of market finance and strengthened my desire to apply data analysis to financial issues.

This position attracts me for the opportunity to use my technical skills in a challenging environment. I look forward to contributing to the development of innovative trading strategies and process optimization through data-driven analysis.

Thank you for considering my application. I am excited about the possibility of contributing to ${Company's Name} and look forward to the opportunity to discuss how my background, skills, and enthusiasm align with your needs.

Sincerely,

Malo Chauvel.

|  |  |
| --- | --- |
| Malo Chauve | [Recipient's Name] |
| Paris, France | [Company's Name] |
| malo.chauvel@student-cs.fr | [Company's Address] |
|  | [City, State, ZIP Code] |

[Date]

Dear [Recipient's Name],

I am writing to express my interest in the [Position] at [Company's Name]. With a solid foundation in machine learning, data science, and a particular passion for market finance, I am eager to contribute my skills to [Company's Name]. As I pursue my MSc in Computer Science at CentraleSupélec, a highly selective program at Paris-Saclay University, I have developed a deep understanding of complex mathematical and computational problems. Now, I am excited to leverage these skills in a dynamic finance environment.

Throughout my academic journey, I have worked on several innovative projects directly applicable to the financial sector. For instance, during my freelance collaboration with Vencortex, a German fintech company, I developed and optimized a reinforcement learning agent using the Online Decision Transformer model for portfolio allocation. This project introduced me to the intricacies of market finance, igniting my desire to use AI and data science to solve financial challenges. Additionally, I have gained significant experience in full-stack development and process optimization during my internship at the Center for Hybrid Intelligence in Denmark, where I created AI tools for organizational efficiency.

Furthermore, my recent role at Paris Digital Lab, where I worked on creating Minimum Viable Products (MVPs) for real-world businesses, has sharpened my problem-solving abilities in fast-paced, team-oriented environments. This hands-on experience, coupled with my technical expertise in Python, PyTorch, and financial algorithms, has prepared me to contribute to cutting-edge finance projects.

I am particularly drawn to this role because it offers the chance to combine my technical strengths with my enthusiasm for financial markets. I am excited about the opportunity to contribute to the development of innovative trading strategies and enhance process optimization through advanced data-driven analysis.

Thank you for considering my application. I would welcome the opportunity to further discuss how my background, skills, and passion for market finance align with your team's needs.

Sincerely,  
Malo Chauvel