

MD MAZADUL ISLAM

Paris, Île-de-France, France | +33 7 46 41 86 05 | mazadul.official@gmail.com
linkedin.com/in/mazadulofficial | github.com/mazadul4x4 | mazadul4x4.com

September 22, 2026

Dear Hiring Manager,

I am writing to express my interest in a 6-month end-of-studies internship in Data Science, Data Analytics, or Data Quality, starting in February 2027. I am currently pursuing an M.Sc. in Computer Science – Data Science & Analytics at EPITA in France, and I bring more than five years of professional experience in Software Quality Assurance, enterprise applications, API testing, requirement analysis, and data validation.

What I believe distinguishes my profile is the combination of **professional software engineering experience, a quality-driven mindset, and growing expertise in data science**. Before beginning my master's studies, I worked as a Software Quality Assurance Engineer at Fireworks Solutions, where I collaborated closely with developers, business analysts, and cross-functional teams throughout the software development lifecycle. My responsibilities included functional and UAT testing, API testing, requirements analysis, identifying data inconsistencies, and establishing quality standards. I also led and mentored a QA team, which strengthened my ability to communicate technical issues clearly and approach complex problems in a structured manner.

This experience has given me an important perspective that I now bring into Data Science: reliable analytics begins with reliable data. Working with enterprise, HR, e-commerce, SAP-related, and other business systems taught me to question data quality, understand business processes, investigate inconsistencies, identify risks, and validate results before they reach users. I am now building on that foundation through my M.Sc. studies, developing stronger capabilities in Python, SQL, statistics, machine learning, data exploration, predictive analytics, and big-data technologies.

Alongside my academic work, I have been developing practical data engineering and machine learning projects. For example, I architected an enterprise real-time fraud and anomaly detection system using Kafka/Redpanda for streaming ingestion, PySpark and Feast for feature engineering, and MLflow for experiment tracking. I have also built a credit-card fraud detection pipeline using Airflow for workflow orchestration and Grafana for monitoring. These projects have allowed me to move beyond theoretical concepts and gain experience with the complete data lifecycle—from ingestion and processing to machine learning, monitoring, and deployment-oriented tooling.

I am particularly interested in an internship where I can work on real business problems involving data analysis, machine learning, data quality, data pipelines, or decision-support systems. I would bring not only my technical skills, but also the discipline I developed through years of quality assurance: attention to detail, analytical thinking, structured problem-solving, collaboration with different stakeholders, and a strong focus on producing reliable results.

I would welcome the opportunity to contribute to your team while continuing to develop as a Data Scientist and Analytics professional. I am confident that my combination of industry experience, software engineering background, and specialized Data Science education would allow me to contribute meaningfully to a data-driven organization.

Thank you for considering my application. I would be pleased to discuss how my background and motivation could contribute to your team.

Sincerely,

MD Mazadul Islam