

AKSHAY PARATE
(551) 331-3971 | aparate@stevens.edu
Jersey City, NJ, USA | [LinkedIn Profile](#)

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Hiring Manager
Ricoh USA

Dear Hiring Manager,

I am excited to apply for the AI Systems Intern position at the Ricoh USA, INC as advertised. With a strong background in data science, AI, and practical experience in developing and documenting AI systems, I am eager to contribute to your team and enhance my skills in a professional environment.

Key Qualifications and Experiences:

1. **Educational Background:** I am currently pursuing a Master's degree in Data Science at Stevens Institute of Technology, with relevant coursework in Applied Machine Learning, Data Analysis, and NLP. My academic background has equipped me with a solid foundation in AI and data science principles, complemented by hands-on projects and research.
2. **Technical Skills:** I possess strong analytical and problem-solving skills, with proficiency in Python, R, SQL, and data visualization tools such as Power BI and Tableau. My experience includes fine-tuning AI models, implementing retrieval-augmentation, and conducting comprehensive data analyses to ensure accuracy and reliability.
3. **Communication and Documentation:** In my role at LTIMindtree, I developed detailed reports and documentation for AI systems, including technical specifications and operational details. I have a proven ability to explain complex AI concepts in simple terms, facilitating clear communication with stakeholders across different departments.
4. **Project Experience:** During my personal assistant AI project, I enhanced model performance through retrieval-augmentation and factual corrections. I also developed feedback loops and applied model calibration techniques, ensuring the generation of accurate and trustworthy outputs. These projects have honed my skills in documenting, analyzing costs, and creating visualizations to illustrate data and concepts effectively.

Relevant Experience:

- **Senior Consultant at LTIMindtree:** Implemented DevOps automation, conducted data analysis to enhance server responsiveness, and developed machine learning algorithms for dynamic server scaling.
- **Python IoT Intern at K.J. Somaiya College of Engineering:** Developed Python automation scripts for smart irrigation, improving efficiency and reducing costs.

I am excited about the opportunity to contribute to the Ricoh USA, INC by supporting special projects, developing reports, conducting cost analyses, and creating effective visualizations. I am eager to learn and understand the diverse issues of your functional area while applying my skills to ensure the clear communication and documentation of AI systems.

Thank you for considering my application. I look forward to the possibility of discussing how I can contribute to the success of your team.

Sincerely,
Akshay Parate
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aparate@stevens.edu