

Jerome J

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**Subject:** Application for Data Science Internship Role

**Dear Hiring Manager,**

I am writing to express my strong interest in the Data Science internship position at your esteemed organization. I am currently pursuing a B.Tech in Artificial Intelligence and Data Science at Dhanalakshmi Srinivasan University, and I am passionate about leveraging data to derive meaningful insights and build intelligent systems that solve real-world problems.

Throughout my academic and project journey, I have built a solid foundation in data analytics, machine learning, and full-stack development. My hands-on experience with Python, Pandas, Scikit-learn, TensorFlow, and SQL has enabled me to build various data-driven applications. One of my key projects, an Emotion-Based AI Storytelling App, involved analyzing user sentiment and generating personalized narratives using Fast API and the Groq LLaMA-3 API—highlighting my ability to integrate AI models in real-world solutions. I have also developed an AI Career Counselling Bot that evaluates resumes and provides career recommendations through intelligent interaction.

Additionally, I have strengthened my analytical abilities through certifications such as IBM's Data Analysis with Python and practical exposure in web development through internships. My proficiency in tools like Tableau, Excel, Google Colab, and Firebase enables me to handle data from acquisition to visualization effectively.

What sets me apart is my eagerness to learn, my ability to work collaboratively in fast-paced environments, and my genuine passion for solving problems through

data. I am confident that this internship will be an incredible opportunity to contribute to impactful projects while continuing to grow as a Data Science professional under experienced mentorship.

I would be thrilled to further discuss how my background and projects align with your organization's goals. Thank you for considering my application. I look forward to the opportunity to contribute my skills and enthusiasm to your team.

Warm regards,

Jerome J

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