

Aditya Zarekar
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Dear Recruiting Manager,

I am writing to express my enthusiastic interest in Computer Vision And Machine Learning Intern - Visual Inspection Data Analysis at University of Aberdeen, as advertised. With a strong educational background in Data Science and over seven years of hands-on experience in leading Indian public sector and government companies such as CDAC and BSNL, India, I am confident in my ability to contribute effectively.

Educational Background:

I am Masters of Science in Data Science student from the University of Aberdeen and about to finish my course in April'24, right now I am working on my thesis- Statical and Non-linear analysis of EEG signals, where I honed my skills in various aspects of data science, including Statistics, Time Series Analysis, Machine Learning (Regression, Classification, Clustering), Data Exploration, Model Development, and Deep Learning using Keras and TensorFlow. My academic training has equipped me with a solid foundation to address complex data challenges, enabling me to make informed decisions through rigorous data analysis and visualization.

Professional Experience:

With over seven years of experience in the public sector and government companies, I have developed a robust technical skill set and a proven track record of solving complex problems in a team setting. I am adept at utilizing a variety of programming languages and tools, including Python (Pandas, NumPy, Scikit-learn, Keras, Flask, TensorFlow, PyTorch, R, GENSIM, BERT, Stats), SQL, R, and various data-related technologies such as MySQL, Data Analysis, Data Modeling, Machine Learning, and Deep Learning. My expertise extends to Data Visualization tools like Matplotlib, Seaborn, Tableau, PowerBI, and Plotly, and I am well-versed in cloud platforms such as AWS, Azure, and GCP, as well as Snowflake and Databricks.

Key Accomplishments and Certifications:

I have further enhanced my skills through industry-recognized certifications, including the Google Data Analytics Professional Certificate, Deep Learning by Kaggle, and various courses from IBM focusing on Python for Data Science, Data Analysis, Data Visualization, and Machine Learning. These certifications attest to my commitment to continuous learning and staying abreast of the latest developments in the field.

Projects:

My practical experience includes working on projects that showcase my ability to apply theoretical knowledge to real-world challenges. Notably, my projects involve Statistical and Non-linear Analysis of Electroencephalographic (EEG) signals, Cardiovascular Health Analysis, and participation in a Kaggle competition involving Housing Prices Prediction using Deep Learning.

Strengths:

My professional journey has instilled in me the virtues of hard work, resilience, and creative problem-solving. I am accustomed to studying and working simultaneously, demonstrating my ability to manage long hours effectively. I have successfully led teams to develop innovative solutions, resulting in a 20% increase in efficiency. Colleagues describe me as patient, understanding, and an effective communicator, capable of simplifying complex subjects for stakeholders.

Result-Oriented and Creative:

My commitment to achieving goals and finding creative solutions is evident in my work. I channel my creativity into problem-solving and believe in maintaining a results-oriented approach to ensure success for both myself and my team.

I am excited about the prospect of contributing my skills and experience. I am confident that my technical proficiency, coupled with my dedication to innovation and problem-solving, aligns seamlessly with the requirements of the Role.

Thank you for considering my application. I look forward to the opportunity to discuss how my background and skills can contribute to the success.

Sincerely,

Aditya Zarekar
MSc Data Science