

## COVER LETTER

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Hiring Manager  
Stripe

Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Data Analyst Intern position at Stripe, as advertised on your website. As a results-driven Master's student in Computer Science at Washington University in St. Louis with a strong foundation in data analytics, machine learning, and statistical methods, I am eager to contribute to Stripe's mission of increasing the GDP of the internet.

My experience as a Data Analyst Intern at Lab714 provided me with valuable hands-on experience in leveraging data to drive tangible business outcomes. Notably, I developed data-driven insights that led to a significant 20% reduction in operating costs for clients. This was achieved through meticulous analysis of IoT device data using AWS and React-engineered software, demonstrating my ability to not only extract and organize large datasets but also to translate complex data into actionable strategies for improvement.

Furthermore, my research projects have honed my skills in advanced analytical techniques directly relevant to this internship. In my project on Multimodal Prediction of Alzheimer's Disease, I applied deep learning models, including CNNs using TensorFlow and Keras, to analyze complex MRI image and clinical datasets. This involved developing combined classifiers and rigorously evaluating performance using metrics and visualizations, showcasing my capacity to apply sophisticated analytical solutions to challenging problems, as you require in the job description.

I am proficient in scientific computing languages such as Python and R, as well as SQL, and possess a strong understanding of data visualization tools like Tableau and Power BI, all of which align perfectly with the technical requirements for this role. Beyond technical skills, my experiences in leadership and collaborative projects, as detailed in my resume, have equipped me with the communication and teamwork abilities essential for partnering effectively with Data Scientists, Data Analysts, and business stakeholders at Stripe.

I am excited by the opportunity to contribute to Stripe's data-driven culture and learn from industry experts. Thank you for considering my application. I am available for an interview at your earliest convenience and look forward to discussing how my skills and passion for data analysis can benefit Stripe.

Sincerely,

Aadarsha Gopala Reddy