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Dear Recruitment Committee,

Thank you for considering me as your new Data Scientist Intern at TikTok. When I came across the posting on LinkedIn, I was excited about the opportunity to apply my technical skills to work for the Analytics team. As a Data Science Junior, I am passionate about how data can lead the company to success and how data can bring people together. Having proficiency in Python, SQL, and R, I have extensive experience in team projects and working collaboratively in a wide variety of environments.

I have completed several projects by working with my classmates, building both my technical and interpersonal skills. This past Fall, I worked with my peers to develop a deep reinforcement agent to play Pac-Man. We used Deep-Q-Network (DQN) and convolutional neural network (CNN) within the Atari environment for game-state tracking and utilized decision-making to maximize cumulative rewards and gameplay effectiveness. In addition, last summer I had a data scientist internship with Great Eastern Life Assurance Malaysia, where I employed NumPy and pandas in Python and performed data validation, where I was able to reduce the error by 20%, enhancing the overall data integrity. I also used Tableau to develop interactive reports and dashboards.

With the project and internship, I believe I am qualified as a data scientist intern because I could use my machine learning skills to help create models and use my data visualization skills to develop reports and dashboards. As a highly adaptable employee, I am comfortable working both independently and in groups while still utilizing the resources available to make fast progress without sacrificing work quality.

Thank you again for this internship opportunity. I am confident that my technical skills, experience, and commitment help make me an excellent fit for TikTok. I look forward to hearing from you soon about my application status.

Thank you for your time,
Jia Yee Wong