Dear Hiring Manager,

Responding to the job advertisement on your website, I would like to express my keen to join in as a Front-end developer. I am currently working in Mizuho Bank Ltd. as a software developer. I graduated from National University of Singapore with honors in Bachelor of Applied Mathematics with specialization in operation research & financial mathematics while I also minor in computer science. I believe my background is suitable for the position and I am more than happy to excel my career at Tencent because it is a place that drives great changes and commitment in Technology.

After graduation, I accepted the return offer from Mizuho Bank and started working as an analyst. In the past two years, the bank has offered me great opportunities to experience multiple careers across various areas within corporate banking. However, I have realized my interests of becoming a software engineer. Currently, I am working with Remittance team to achieve straight through transaction by using Python and PHP to direct connect to server under HTTPS protocols. Previously, I worked as a full stack developer -- built a visualization webpage by Angular supported by Node.js which connected to our bank’s Microsoft SQL Server. While I was with cooperate banking department, I explored using Django framework to build a customer onboarding website prototype. When I attached with Risk Management Department, my task was to build supervised machine learning models such as Random Forest and Neural Network to explore potential deposit behaviors to reduce interest rate risks. I built the model by utilizing scikit-learn library in Python on customers’ current account, financial profiles jointed with market index from Bloomberg

During undergraduate study, I have developed a multitude of skills through the various projects I have undertaken during my study. My courses involve a great deal of analytical thinking with high dimension matrix and an understanding of both the business and technology landscape. In addition, participation in various problem-solving projects have honed my analytical and programming skills. One of the projects required me to develop a game called 2048 individually by Python which was an immensely popular game been played on mobile platformDuring the final year’s data mining competition, my group members and I used R and Python to predict taxi fee in real world and won the 2nd place. Besides, I attended an online data challenge during study which is to build a custom credit prediction model by Python. In addition, I also familiar with Java and builtt online platforms and databases through it.

My interest extends beyond technology and finance, as I also partake actively in areas like sports. As a member of Tanjong Pagar CC Youth Executive Committee, my team and I once hold a national semi-professional basketball tournament combined with SUTD. This experience enabled me to acquire interpersonal and negotiation skills and allowed me to work with people of different levels and from outside the university.

Thank you for taking the time to review my application. I have enclosed my resume for your consideration. It will be a great pleasure to start my career with your organization. I look forward to a face-to-face interview to further discuss my suitability for the position. If you have any queries, feel free to contact me at xiangshang4@gmail.com or +65 90371449 at your convenience.

Sincerely yours,

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