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Dear Hiring Manager,

I am writing this letter with reference to the job posted for Summer 2019 intern. I am excited about the prospects of this position and I feel that my education and job experience make me a well-qualified candidate.

Currently, I am a student enrolled for courses in Spring 2019. I had taken courses like Statistical Machine Learning, Principles of Programming Language and Data Structures and Algorithms. Under projects, I designed and optimized their performance using real time data. I designed a compiler in C++ with respect to a software specification document. Furthermore, via Python and MATLAB, using intra-day Dow Jones Index Average data, utilizing Twitter news feed, I constructed a program which would estimate a rise or a fall in the DJIA stock for next day with help of machine learning algorithms like Random Forest, Logistic Regression and Support Vector Machines.

I have a work experience of 11 months in Barclays Bank PLC as a test engineer. In this role, I have worked as a tester under Corporate Banking domain. My responsibility included testing and maintenance of a corporate client portal of Barclays, 'Barclays.Net'. Under this, I worked under Payments and Registration domain. I used software like Mainframe and Unix to maintain security of the portal. As part of automation, I designed, coded and executed UI test cases with help of Java and Selenium using IntelliJ and Eclipse. Automating the test cases, reduced manual testing by 23% in terms of testing GUI of the Portal. Under payments, I executed end to end tests for different types of payments like BACS, CHAPS, SWIFT and international payments. I also tested various security devices provided by the Bank to the clients from third party vendors. I am also well versed with technologies like C, C++, WEKA and MATLAB and Python. I am interested in building my career as a software engineer in the field of Big Data and Data Science.

During my internship, I worked as a Software Development intern at Internet Design Zone. I have worked on Mobile Application development using Flash ActionScript3. I am well versed with the software development lifecycle. We followed a Scrum methodology where-in I belonged to the Sound mechanics team.

I am currently working on campus at Arizona State University as a Security Aide in Gammage Auditorium. I am a lively person who likes to interact with people, build my network and get involved. I have also received a Global Recognition award in Barclays for showing the quality for respecting all individuals. I was associated with Toastmasters club during my time at Barclays. Working in Barclays, I used to communicate with employees of diverse cultures in different regions of the World like Canada, United States and United Kingdom. During my undergraduate study, I was associated with clubs like Computer Society of India and publicity team of annual inter collegiate festival Abhiyantriki. I have always believed that growth is never by luck, it is the result of everybody working together.

Given my educational qualification and work experience, I feel that I am well suited for this job and I am sure I will be able to carry out the responsibilities in a proper manner.

Thank you for considering me for this job and I am positive about hearing back from you.

Sincerely,
Saureen Paresh Parekh

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