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Dear Sir/Madam:

Thank you for the opportunity to submit my resume to be considered as a potential candidate for your company. I am excited to work in an area where I can use my skills and deliver business value to you. Currently, I am enrolled in the last term at Northeastern University in Boston. My expected graduation date is the end of June. I am finishing my major in Analytics and ultimately seeking a career in the data science field.

"Follow excellence, and success will chase me." I always follow this motto and try to reach this paramount. Passion, curiosity, self-control, earnest, and integrity are the most precious qualities that I have. Every time I got attracted to anything unusual, I spend all of my spare time to learn it, understand it, and record my learning experience on my carefully prepared blog. https://zacks.one is a personal technology blog, which is my dream starting point. As a perfectionist, I have a hard time accepting that I am ignorant of the attractive fields. Therefore, I started over and built a strong fundament of each academic area and technique for becoming an insightful data scientist. Then one mind just came up: I need a clear plan to manage all of the knowledge that I have learned and connect them together.

- Statistics, the necessary knowledge reserve for machine learning and artificial intelligence
- Programming skills, the method of applying knowledge in the real world
- Visualization, the way to present the value of the data
- Database, the data warehouse storing our valuable wealth
- Network techniques and Linux, the fundamental part of cloud computing.
- Analytics, the critical ability for extracting the essence of the data
- Cloud Computing, the crucial tools for big data and artificial intelligence

My ambitions are not only learning knowledge and techniques but also focusing on suggesting the best solution for each issue. Most recently, I spearheaded a project named BosBot, which contains the real dataset from the BOS:311 - a Boston government department. It offered me important experiences: understanding the requirements of the users and customers; exploring more meaning of the data; quickly comprehending a new technique; efficiently working with a team; deploying my talent in a creative way. Basically, BOS:311 gathers the complaints from the Boston citizens, such as illegal parking and streetlights broke down, then handle them. I led the team in constructing the blueprint of the program and building a chatbot based on Amazon Lex. And I developed a Python program to simulate the BOS:311 background system, which could manipulate the new and existing cases. Finally, I analyzed the dataset in 2020 and built an insightful data visualization on a real map with animation based on the case open date. Our project is terrific enough to earn an opportunity - a special presentation. We presented it for the Boston mayor's office, the BOS:311 company, and staff from different companies. Fortunately, we received unanimous praise and recognition. I really appreciate my professor for providing this opportunity, which improves me a lot. But I cannot show any technical detail because of the limited space. If you are interested, please visit https://zacks.one/2020/02/06/BOS311/.

Above all, I am willing to work with a creative and passionate team. It is exciting to discover what is hidden under the surface of the data. Just thinking about it makes me excited. I will try my best to continuously improve myself and apply my abilities to help the team achieve more excellent achievements.

Attached is my résumé for your reference. I will be available to work from early July. I appreciate your time and consideration. I look forward to hearing from you or your staff at your earliest convenience.

Sincerely,
Danlin (Zacks) Shen
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