41 W 86th St APT 7G
New York, NY 10024
(805) 637-1617

Dear Hiring Team:

I am writing to express my interest in the Software Engineer position. As an M.S. student in Electrical Engineering at Columbia University with a Bachelor of Science degree in Physics at UCSB. I have acquired plenty of skill sets that make me an ideal candidate for this position. My personal projects, ex-intern, and upcoming internship at Amazon as a Software Development Engineer make me confident with working on big projects individually and working in a team.

My mastery of Python is best illustrated by my work at DeepChem. In the summer of 2022, I designed a chemistry calculation platform that would distribute calculation jobs automatically among four calculation servers. Our work greatly improved the calculation efficiency since we would always keep the server busy. Also, the calculation department could now submit calculation jobs directly to our platform instead of running them one by one on those servers. Aside from coding, I am in charge of unifying our 3 people development team. I always communicate with the manager as a representative of our team because I am fully aware of each person's responsibilities.

My personal project is another great demonstration of my proficiency in Python. I create a web application with a streamlit package in Python. With my application, users could see data analytics about used car listings in the U.S. and find cars they preferred. This project is done by me individually without any external help. I have done 9 projects in total, demonstrating skills in web applications, deep learning, computer network, and much more. Feel free to visit my portfolio at https://yutao-zhou.github.io/CV/.

My experience in DeepChem and my projects had prepared me to immediately join your company after graduation. It would be my pleasure to talk with you. Do not hesitate to contact me if you have any questions. I could be reached at (805) 637-1617 or email me at yutaozhoucolumbia@gmail.com.

Thank you for your time and consideration.

Sincerely,

Yutao Zhou