Dec 1st, 2021

Change HealthCare

130-10711 Cambie Road

Richmond, BC V6X 3G5

Dear Hiring Manager:

**Re: W22 Software Development Engineer**

I am keenly interested in theSoftware Development co-op opportunity recently posted on your website. Change Healthcare has been a leading innovator in the workflow care solutions in the healthcare industry. As a candidate with an aptitude for challenges, it is always my passion to utilize my experience various areas and to contribute to the technological world. My academic background and various work experience position me to be a qualified candidate for this position.

I have gained extensive technical skills from academic courses and applied the knowledge into practice by building personal and course-related projects using OO design. I built a stock watchlist using Java that involves heavy source control through git. Other than the simple feature of adding and removing stocks from the list, this watchlist also allows user to verify stock and display watchlist in an efficient manner. In addition, I gained experience with C++ though building image modifiers that allows user to flip horizontally, flip vertically, convert image into mosaic, etc. Furthermore, I also self-learned SQL and obtained SAS Base Certificate in 2 weeks, which gave me a solid understanding and foundation of data structure. Other than Java, I have also built my familiarity with Python. I am currently building a portfolio analytical tool using Python, and this project allows various user interactions to effectively analyze a portfolio as well as optimizing an existing portfolio. In all the projects I have focused on TDD approach to ensure quality. These experiences have equipped me with strong problem-solving, analytical, and programming skills, so I am confident of learning any new technologies or tools required to excel in this role.

I possess strong leadership and time management skills by balancing full time position as an Investment Analyst and studying for CFA exam simultaneously. In my previous experience at the Midland Group, I always took additional challenges and efficiently pushed the reporting cycle from quarterly to monthly. As an analyst, I actively reported to stakeholders on fund performance and communicated with fund managers and client support on a regular basis to endure data accuracy. As a result, I was able to improve internal reporting structure in an effective and efficient manner. I also trained 2 other analysts who joined us later, which again equipped me with outstanding leadership skills. My experience in retail allowed me to collaborate extensively to develop marketing campaigns and recommending products to fit clients’ needs.

I would highly appreciate an opportunity to further discuss my qualifications. I can be reached by cell at 647-869-5887, personal email: cathyliu0315@hotmail.com, or coop office email: interviews@sciencecoop.ubc.ca. Thank you in advance for your consideration and I look forward to speaking with you.

Sincerely,

Cathy Liu