Dear those whom may concern,

I'm writing to you with a great pleasure to express my interest in the Full Stack Developer position at BuyBackBooth. Being a computer science and linguistics student with a strong grasp of data and patterns, I would like to discuss my past experience so you can have a better understanding about me.

Last year I conducted a study, Genealogic Approach to Low-Resource Language Modelling with a partner. In this study, we discovered a potential method to improve the performance of the Transformer models with low-resource languages by using transfer learning with related languages according to the hypothesis in linguistics. Throughout study, I gained experience in Machine Learning especially Deep Learning and further improved my experience in data analytics. In order to improve my general understanding of Machine Learning, I finished the Machine Learning Specialization courses offered by DeepLearning.AI which broadened my scope in Machine Learning besides Natural Language Processing.

In 2021, I completed a comparative study in Cantonese and Mandarin which tests the speakers perception about rhyme, and the paper was published by the Orientation Journal (McGill's peer-reviewed East Asian Studies Journal). During this study, I obtained programming skills in R and improved my ability to interpret data. Besides programming, I obtained skills to design my own study and communicate with the participants. Last summer, in order to further improve my skill in Data Analytics, I completed the Google Data Analytics which made me have a better understanding in Data Visualization and obtained new skills such as Tableau and SQL.

During my study in McGill, I have also learned multiple paradigms of programming languages including several functional programming languages like OCaml, Clojure and some basic Web Dev skills. I have also had algorithm and dynamic programming courses in Java which laid the foundation for my programming skills. I have also developed several cloud applications while completing my full-stack certificate with IBM, I obtained hands-on experience with Kubernetes from the certificate. I'm very eager to learn more in this position!

I'm looking forward to hearing from you and thanks for considering this application!

Best,
Peter