**Programming Experience - Short Answer**

In about 250 words, tell us more about your programming experience!

Describe your programming experience, including specific languages and platforms used, and number of years of experience working with each of them.

Throughout my undergraduate studies, I have been exposed to several programming languages, such as MATLAB, Excel VBA, Java, R, Stata, and Python.

I learned MATLAB as my first programming language. After using it for nearly three years, I consider myself to have an upper intermediate comprehension of it. I mostly use MATLAB to construct, analyze, and simulate financial portfolios.

Besides MATLAB, I have one year of experience in Excel VBA and Python for financial purposes like option pricing and portfolio hedging. Although I am more comfortable using Excel VBA than Python, I am currently enhancing my fluency in Python because it is one of the most commonly used programming languages in Business Analytics. I have also, somewhat, gained a certain level of proficiency in Java in the last six months through one of my university’s programming courses. My learning journey in Java focuses mainly on object-oriented programming and data structures. Although I rarely use Java, the foundation that I have can be helpful for learning new programming languages in the future.

In addition to my programming knowledge for finance purposes, I am proficient in Stata and R for statistical purposes as I have been using it for nearly two years. In the econometrics course, I used Stata for performing statistical significance tests. Moreover, I learned R after having mastered Stata, and soon discovered that each softwares are has its own advantages and disadvantages. Although Stata is relatively simpler to use, R is more versatile and has more features than Stata, prompting me to prefer using R to analyze and visualize statistical models until now.