Isaac Benka

Professor Abuomar

Programming Languages

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Comparing Two Languages

The language I'm choosing is Python which is the language I'm pretty similar with and the language that I'm not that familiar with is C++. Python is a high-level and dynamically typed language. C++ is a Multi-paradigm language that is used for procedural, object-oriented, and generic programming. Python has automatic memory management through garbage collection and C++ allows for manual allocation and deallocation of memory. And this can lead to more efficient memory usage over Python. Python has clean and simple syntax which makes it easy to learn quickly. And the C++ syntax is more complicated than Python and requires more work for some tasks. Python is mostly used for web development, data analysis, AI, and scripting. When C++ is used in a wide range of applications like game development and high-performance computing and more. This is some of the most basic comparison of the two programs. Of course, there is more to compare the two but this is as in-depth as I will go right now.