Lectura 4:

Popular Programming Languages in 2022

Let's explore three popular coding languages and how you can start learning. Are you ready to enter the field of software development but unsure of the programming languages that employers want you to know? This guide can help you know where to start.

For decades now, the field of software engineering and software development has continued to grow at a rapid pace. In fact, the US Bureau of Labor Statistics (BLS) reports that it expects to see a 22 percent growth rate for software developers in the next decade, which is much faster than average.

However, not all jobs in this field require the same skill sets and knowledge. By learning the right programming languages, as well as expanding your knowledge of the languages you already understand, you can enhance your resume and stand out from other candidates.

3 popular programming languages to learn

The following list of popular programming languages is a starting point that you may want to spend time learning:

Python

Python is a dynamic object-oriented programming language that combines data structures with easy-to-learn syntax. Its applications vary from simple functions like powering a moderator bot on Reddit to complex functions such as financial data analysis and machine learning.

What is object-oriented programming?

Object-oriented programming is a coding model that organizes data and functions into reusable pieces of code into classes, objects, methods, or attributes. This programming approach is suitable for larger and more complex programs such as mobile applications.

JavaScript

JavaScript (JS) is a high-level programming language used to make websites and apps more interactive; it is also commonly used in game development. A noticeable impact of JavaScript is its ability to make websites come alive by adding elements such as animations, dropdown menus, and color-changing buttons, making it a core technology for web development. In fact, JavaScript is so present on the internet that W3 Techs, a web technology survey company, reports that it is used as a client-side programming language for 98 percent of all websites [3].

C

C is one of the oldest and most widely used software programming languages. Technically speaking, it is a multi-paradigm, procedural language that supports structured programming, meaning that it's a low-level language that doesn't require a lot of runtime to support. This makes C a great language to use for operating systems, hardware drivers, and kernel-level software.