

7 reasons you should choose C # programming

The truth is that you can learn some programming languages ??in your career but starting with C # is an extremely bad idea. Why is C #?

It can be said that without a specific orientation, it will be very difficult for you to choose a programming language as a goal to pursue for your learning and career path. Each programming language has its own strengths, so it is very beneficial if you find a specific orientation for yourself soon.

1. 27 things I wish I knew before programming

The truth is that you can learn some programming languages ??in your career but starting with C # is an extremely bad idea. Why is C #? Join Quantrimang to explore some of the reasons why C # becomes 'must have' language!

C # comes from .



C # is a medium programming language developed in 2000 by Microsoft. C # is built on C and C ++ languages ??but is easier to use thanks to the extensive library set to perform different tasks.

C # is also used by Microsoft as the official language of .NET framework, and as you know, whatever content written in .NET framework is run in Windows, this makes C # one of the Official languages ??come with Windows development. The impression is that recently, thanks to the introduction of .NET Core, C # can now be used to create applications on macOS, Linux and even Raspberry Pi more easily.

1. C # is an easy-to-learn language

Although there is a name that is similar to famous languages ??that are difficult to learn like C or C ++, C # is much more friendly. C # is an object-oriented programming language that is considered quite suitable for beginners.

C # is also quite 'safe' language. Lower-level languages ??such as C or C ++ will still execute the program even if there are errors that lead to serious damage, and C # will proceed to check your code when compiling and give errors and send Warning to prevent bad things from happening.

2. C # has an extremely large online community



Learning C # has never been as easy as it is now. In addition to Microsoft 's extensive and frequently updated documentation, there is always a large community built by C # language developers and developers to help, exchange experiences. Many YouTube channels or forums, personal blogs share every aspect of C # programming for beginners to experts.

The Microsoft Virtual Academy online learning site also provides lessons for using C # to program and develop Windows and mobile applications. In addition, Stack Overflow - the most important website for developers - is written in C #. So it is not surprising that this language has an extremely strong community on online internet.

3. Strong fulcrum is Microsoft

At this point, C # ranks fourth among the most popular languages ??according to the PYPL (Popularity of Programming Language Index) ranking and ranks 6th in the languages ??in need. highest in 2018 (according to Truth.com). Along with a solid fulcrum is Microsoft, C # will definitely be developed and used for a long time.

C # has been developed and positively improved for nearly 20 years, new features are still being added on the continuous upward momentum.

Visual Studio - Microsoft's integrated development environment (IDE) is written in C #. Although you can program in any language in Visual Studio, it is best to use it to develop C #.

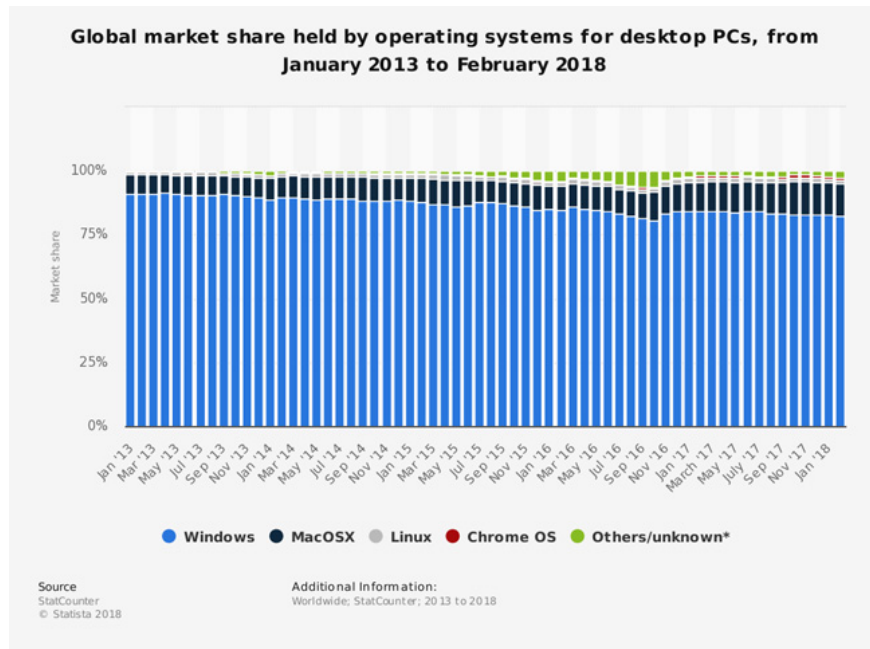
4. Developing Unity Game



For many, C # 'most powerful' attraction is the location of this language in Unity cross-platform game development tool. Unity's popularity is increasing because it is highly economical, free for individual users and businesses with sales of less than \$ 100,000 a year, or \$ 1,500 for the Pro version - a very modest number. compared to what this engine brings.

Unity is also easy to learn, has a large online community, including YouTube tutorials, forum posts and blogs. Many people learn C # through Unity while doing their first game development. The nature of game development in Unity is similar to that of you implementing programming projects, aiming to see this as the perfect way to get the most practical C # programming experience experience. for beginners.

5. Create cross-platform software



C # has been used for nearly 20 years to create Windows applications on .NET framework and Windows, still dominate the global operating system market.

Recently, Microsoft introduced .NET Core - a simplified open source version of .NET framework. .NET Core is free, easy to install and allows cross-platform development. This means that any developer can create web dashboards and applications on any other operating system not just Windows.

6. ASP.NET and ASP.NET Core



ASP.NET is the second largest back-end framework on the internet, just after PHP. This is Microsoft's service application for dynamic websites and C # is the main language used to program with the ASP.NET framework.

As a C # programmer, you can work with the ASP.NET framework to create web APIs, providing data for your website users flexibly.

The release of .NET Core also extends to ASP.NET. ASP.NET's Core version offers even more flexibility for web development because it will run on all platforms. Instead of creating your back-end on Windows for Windows servers, you can now develop ASP.NET Core MVC (Model View Controller) websites on macOS or Linux or any server.

7. Develop Android and iOS applications



Android is usually developed by Java, iOS uses Swift or Objective C. This means that if you want to develop an application for both phones, you will need to learn two languages separately. Xamarin is designed to deal with this problem.

This framework allows you to write code in C # and compile for both iOS and Android. Thanks to Xamarin you can use the same code for both platforms and update both applications from a code base. In addition, this application also allows for GUI design on platforms, once your application works, you can design a user interface that is suitable for users of both Android and iOS phones.

This article has just discussed with you the benefits of learning C #. However, there are other good options, such as JavaScript that is definitely the "king of the internet front", or the language that is popular in the machine learning field - Python can also be the language of the future. hybrid

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