

How to become an Android application developer?

Daily-used mobile applications have changed the way we conduct business, communicate, entertain and learn new things. Invite you with TipsMake.com refer to the article how to become an Android application developer below!

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As mobile applications become more and more widely used, allowing users to connect with each other in more fun and creative ways than ever before, the mobile app developer's job has become Rich and necessary for the global economy. Daily-used mobile applications have changed in the way we conduct business, communicate, entertain and learn new things. You will not be mistaken to think of developing mobile applications as one of the most interesting professions at this time.

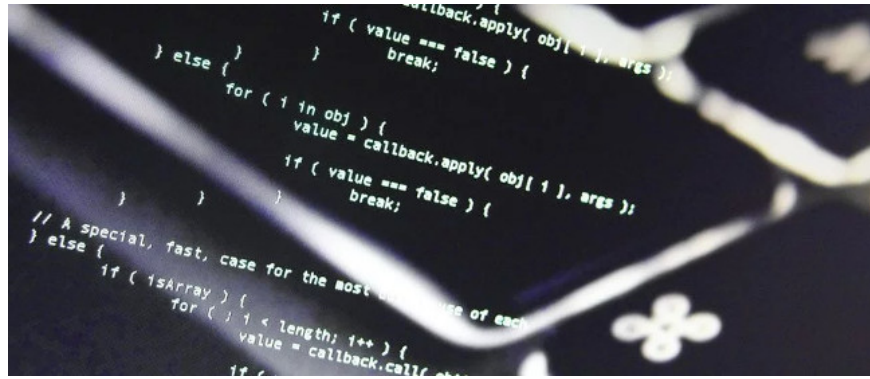


So how to become a mobile application developer? This is the planning framework: first choose a platform - such as Android, iOS or Windows Mobile - then learn technology skills, add soft skills and that's enough.

Let's go into a smaller detail. Today, TipsMake.com will discuss **how to become an Android application developer** . Invite you to welcome reading!

Why choose Android?

Android is the undisputed leading operating system of smartphone market share worldwide. Thanks to the growth in emerging markets like Mexico, Turkey and Brazil, this dominance will not decline in the near future.



The market leader helps ensure a plentiful amount of work for Android application developers. Moreover, the Android platform is open source (all Android source code is viewable, although there are some proprietary software like Google Play), creating an ecosystem of dynamic and weathering developers. more. Android developers share tips, tricks and tutorials on the Android community. Since Google helps developers by building tools like Google Play Services for common application tasks: login, authentication, location (location) and storage, Android developers have can focus on building core functions for their application.

Basically, this is a particularly interesting time to start your Android application development career. Having an ample supply of work, the demand for Android applications promises to increase in the future and technology - including wearable applications and TV applications - is attractive.

Hard skills: What should be learned?

First, you need to learn technology skills. Android development can be done on Mac, Windows PC or Linux computers. You will need an Android device (you can use a simulator like Genymotion during development, but you will want to test the application on a real device). Below is a short list of tools to know to become Android developer.

Java



The most basic knowledge to develop Android applications is the Java programming language. In order to become a successful Android programmer, you need to become familiar with concepts in Java such as loops, lists, variables and control structures. Java is one of the most popular programming languages ??used by

software developers today, so mastering it will help you get the job done, even beyond the Android platform.

SQL

You also need to learn the basics of SQL for organizing databases in Android applications. SQL is a language that performs queries that retrieve information from the database. When you can write it, there won't be any questions you can't query in your data.

Android Software Development Kit (SDK) and Android Studio



One of the best parts of Android development is that the necessary tools are free and easy to get. Android SDK is available for free download, as well as Android Studio, the official integrated development environment (IDE) for Android application development.

Android Studio is the main program that developers write code and assemble their applications from different packages and libraries. Android SDK includes sample code, software libraries, handy programming tools and more to help build, test and debug Android applications.

Another highlight in Android development is the ease with which applications are submitted. When you are ready to submit your application to Google Play store, sign up for a Google Play manufacturer account (including a \$ 25 fee through Google Wallet), follow the Android release checklist, send information via the Google Play Developer Console, wait for Google to approve and wait for it to appear. It's simple and satisfying!

XML

Developers use XML to describe data. The basic knowledge of XML syntax will be useful in the journey of becoming an Android developer when performing tasks such as user interface design (UI) and data analysis from the Internet. Much of what you need to do with XML can be done through Android Studio, but it's built on the basis of markup language.

See also: Did you know the 15 hottest programming languages ??on this GitHub?

Hard skills: How to learn and how to find jobs



Rich resources for Android developers to improve skills, share tips and best practices. Some outstanding resources include Stack Overflow, Android Weekly, Android Dev column, vogella tutorials, YouTube lessons and the official Android Developer website of Google - especially the Building Your First App module (Build build the first application). If you are a fan of reading, good books on Android include Head First Java, Android Programming: Pushing the Limits and Java: A Beginner's Guide.

As you begin to think about attracting job opportunities and proving you are a competent candidate, show off Android-related jobs on LinkedIn, Xing, through a personal or above portfolio. sites like Behance and GitHub. Contact with other Android programmers and employers through meetups, conferences like droidcon and networks like LinkedIn groups, Twitter chats and Quora feeds. You never know what you will learn or who you will meet.

Soft skills

Just like any other job, just having technical competence is not enough. You must improve your communication skills as much as possible.



Persistence

Practice a lot until you can really develop the application. Surely you will encounter difficulties in the development process, especially at the beginning. You will need to train yourself with perseverance to overcome difficult times. Fortunately, since Android became open source, Android programmers can take advantage of

libraries and frameworks created by communities posted on websites like GitHub.

Co-operate

Cooperation is vital for most developers' work. Even if you are working alone for a project, you will have to work with designers, marketers or higher level managers. Feel free to accept feedback on your work, influence your colleagues and work with others to create special products.

Learn new knowledge

All good programmers, whether in the mobile or other fields, are committed to lifelong learning. Especially in the context of rapid development of mobile applications today: together with the introduction of wearable devices (wearable on people), TV applications, automated applications and more, the home Mobile development must keep up to date with changes and new technologies as well as best practices. No matter how much you get, never stop researching, exploring, asking questions and asking questions.

Conclude

Mobile apps are in greater demand than ever, so it's a great time to develop your career into an Android programmer. Moreover, Android is also increasingly expanding beyond the traditional space of consumers in the field of employment and education, continues to enhance the user experience in the new Material design language, this is a time of special interest. interesting. So what are you waiting for, decide your career path right now.

Refer to some more articles:

1. With these 5 tips will help you improve the logic programming ability
2. Top 20 free programming learning websites need to bookmark immediately!
3. Form a way of thinking like a programmer
4. Beginners of computer programming need to focus on what?

Having fun!

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