

# HOW TO LEARN ENGLISH IF YOU ARE A PROGRAMMER

*Baranova V.S.*

*The Belarusian state university of informatics and radioelectronics  
Minsk, Belarus*

*Shchekotovich E.N. – senior teacher of English*

Programmers need English to communicate with computer and between each other. As a solution for this case I've decided to create a useful mobile application for learning English. Most of the applications in Play market or App store have just the basics of English and they're not specialized for learning technical English. I thought over it and stated the details below.

It's obvious, that if you want to be a good programmer, you need to know English. Why? Because all programming languages, for example Python, C, JavaScript, Ruby and others consist of English words and just learning them by rote is a bad idea. What is more, IT is a sphere, that works not locally, like sellers or teachers, but mostly globally. Programmers talk to each other about the bugs and features they have and try to help each other. If to sum up, programmers need English to communicate with computer and with each other. Isn't it enough to start learning English if you were postponing it till the "better day"?

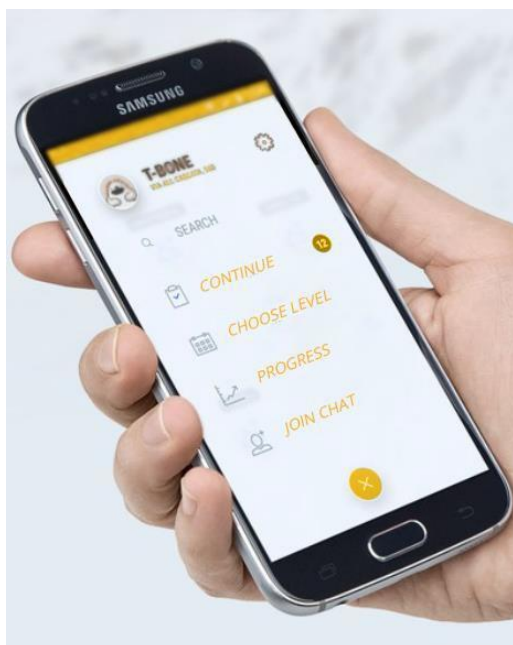
I've named my application "int English". It not only links to a specific kind of variables in programming, but also means that there's enough information to make your English complete.

The application is completely free, because it is planned that large IT companies are its sponsors. This is beneficial for them, because later they can get workers with good knowledge of English.

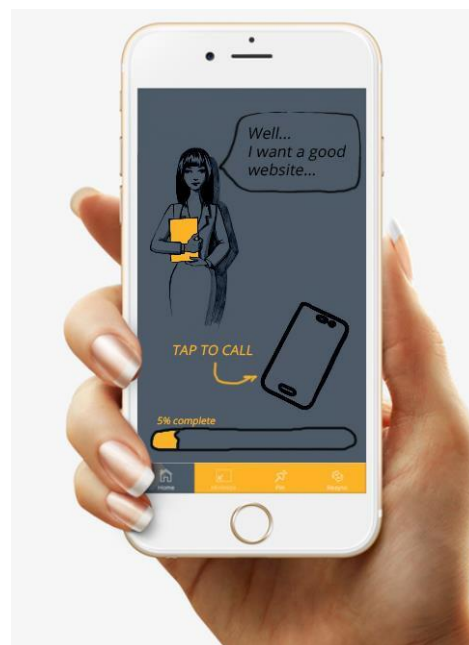
The interfaces themselves are minimalistic. There is a possibility of switching to a usual or dark mode. As you can see on Pic. 1, in the starting menu you can choose the mode (after selecting a mode, the level, at which the user has stopped, opens), the level, settings, see the progress and chat with other users with the ability to create separate conversations for a livelier practice of technical English.

This application trains the user's writing, reading and speaking. And besides, it offers 2 modes of interaction. Training takes place in the form of pre-written scripts, where, being either a programmer or a customer, you need to complete the creation of the product. In the first case, the programmer receives an order to develop a specific product, and he must clarify all the details with the customer. It can be clarified by calls and chats with the bot, who is powered by artificial intelligence. When the project scale is filled till the end, it will be possible to hand it over. In the reverse mode, in the role of the customer, it is necessary to describe in detail all the points without repeating and contradicting them. Otherwise points for the level will be removed.

In conclusion I want to say that my application fits most of modern requirements [2]: profitability, minimalistic design, simplicity and the ability of communication with other users. And these points will make the application popular in a short period of time.



Pic. 1 Menu in usual mode on Android device



Pic. 2 Speaking level in dark mode on IOS device

References:

1. <https://99designs.com/mobile-app-design/contests/app-design-language-learning-472768>
2. <https://www.cnet.com/news/best-language-learning-apps-of-2020-update/>