

WAYS TO IMPROVE ENGLISH SKILLS FOR NON-NATIVE PROGRAMMERS

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Introduction. In today's globalized IT industry, proficiency in English has become a standard requirement for programmers around the world. English has become the universal language of communication within the IT sector, making it essential for every IT professional to have a strong command of the language.

In order to maintain competitiveness in their profession, programmers must possess a high level of proficiency in English to effectively use vast resources available in their field. The majority of teaching materials, documentation, programming languages, libraries, and other IT-related resources are basically in English.

Methodology. The aim of this paper was to explore the significance of English language skills for non-native programmers and the ways to improve their language competence. Computer programmers usually perform such tasks as writing, testing, debugging, and maintaining detailed instructions known as computer programs, which tell computers what they must execute to fulfill their functions. Proficiency in English is essential for programmers to handle these

tasks and to efficiently use all the available resources in order to be successful in their job.

Non-native English IT specialists often face challenges in the process of reading instructional materials, writing code, and learning programming. Additionally, programming languages can be hard to learn for those who don't know English, as most languages are developed by English-speaking experts.

Good knowledge of English opens the way for programmers to learn the programming languages they need for specific tasks, get better job opportunities and advance in their careers. In addition, the knowledge of English for non-native programmers is crucial for effective communication and collaboration with international clients and partners.

Results and discussion. In this section, an analysis of different teaching approaches used to teach English to non-native programmers is given. Teaching English to non-native programmers requires specific methods that take into account their language needs in the context of programming and technology. It is important to understand the language requirements of non-native programmers and to apply some effective methods to help them use such resources as technical documentation and tutorials, conferences, webinars, online forums and communities, as well as communication with international colleagues and clients.

The following approaches are proposed to be used to enhance language competence among non-native programmers:

1. Teaching to work with Technical Documentation:

- To teach to understand technical vocabulary, grammar, and syntax commonly used in programming contexts.
- To teach specific terminology related to software development.
- To teach to comprehend complex sentences and interpret technical instructions.

2. Teaching to learn and comprehend Technical Vocabulary :

- To give knowledge of technical vocabulary relevant to programming, such as terms related to coding, software development processes, debugging, algorithms, data structures, and project management.

3. Teaching with real-life examples:

- To use coding examples, case studies, and real-life scenarios. This helps learners understand how English is used in programming contexts and improve their comprehension.

4. Teaching communication skills:

- To use speaking and listening activities like pair programming, group discussions, and presentations. Encourage learners to articulate their ideas, ask questions, and collaborate effectively in English.

Conclusion. Taking into consideration the unique language needs of non-native programmers and integrating English language learning into a programming context, English teachers can effectively contribute to language development of future programmers. Today, a strong command of English is crucial for a programmer to be successful in the IT industry.

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Шляхи покращення рівня англійської мови для неангломовних програмістів

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