COMPUTER SCIENCE - The Study of Coders

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Abstract: - As we all know, In Engineering there are various fields that includes all the practical skills related to different streams upon which the whole world is based on. Engineering is done in various fields such there are Civil Engineers, Auto mobile Engineers, Electrical Engineers, and Software Engineers and so on.

One of the same is Computer Science.

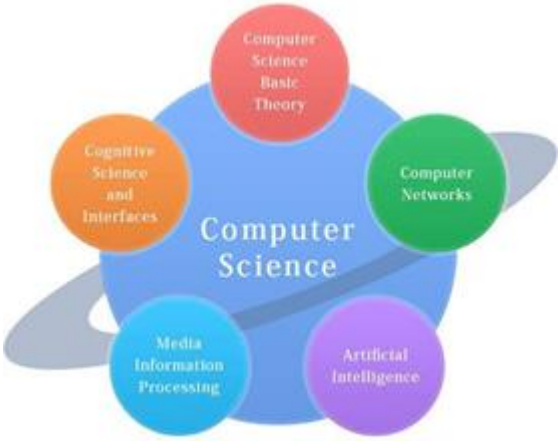
1. INTRODUCTION

Computer science is the study of computers in deep. We all were told about what are computers? In childhood. But in Computer Science It includes how the Computer is working? How all the technology is working? , how these all are made? And so on.

It consist of all the deep knowledge of Software and Hardware. And now everyone is eager to know about this in deep . As it seems interesting to know about such things.

COMPUTER SCIENCE STUDIES

Computer science is the study of computers and computing as well as their theoretical and practical applications. Computer science applies the principles of mathematics, engineering, and logic to the functions, algorithms, software and hardware development, and artificial intelligence.



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Unlike electrical and computer engineers, computer scientists deal mostly with software and software systems including their theory, design, development, and application.

Areas of study within Computer Science are: artificial intelligence, computer systems and networks, security, database systems, human computer interaction, vision and graphics, numerical analysis, programming languages, software engineering, bioinformatics and theory of computing.

Although "how to program" is essential key of computer science, it can be considered one element of the field.

Computer scientists designs and analyze algorithms to run programs and study the performance of computer hardware and software.

The problems that computer scientists encounter range from the abstract-- determining problems solved with computers and the complexity of the algorithms – designing applications for devices , that are easy to use, and that holds security measures.

'CODERS' : The Tag Given to Software Engineers

The word CODER is now became a familiar word.

A computer coder, also called a computer programmer, designs, writes, and then tests code for computer software or mobile applications. Some programming jobs require you to know one specific programming language, while others may need you to know multiple languages.

Wherever you go, you may hear that "HE is a Coder " or "I am a Coder", that sounds good . But not everyone who do study Programming is a Coder.

Do you Know Why? Let's discuss it now.
Everyone is getting attracted to the coding and all but not everyone is being called a coder, the reason behind this is their practical skills are not touching the desired peak.

No, there is no any competition but to become coder one should have hand in at least one of the programing language or should have knowledge in deep about so .

Everybody who learns programming doesn't like it much. It doesn't mean that coding is not interesting. The fact is "We are not showing that much interest and effort to understand or practice that thing in practical sense."

2. HOW CODING SKILLS ARE LACKING AND LOSING INTEREST

Nowadays, once a beginner starts coding it may seems confusing and boring. But in actual programming is the most interesting part of the whole COMPUTER SCIENCE

STUDY.

To increase interest or to understand it, one should practice it daily by their own. One should put effort or just a practical sense to see what the programs algorithms are trying to convey.

One should not only just see it via YouTube and all but also should practice it in real.

There are also Some Reasons beside these those are Not having a System to practice: - if someone doesn't a system to practice that becomes a reason to lose interest in programming.
Not giving that concentration time :- It is not necessary to learn a whole Programming Language at once but when someone try to learn it whole at once it becomes tricky and confusing for the beginners .

3. HOW CAN ONE STEP TO BECOME A CODER

First: Stop hesitating that coding is a big thing. No, it's just a practical thing but the basics should be clear.
To clear those basics first Understand for what you are learning, how this learning going to help? Etc.

Second: First go through the theory knowledge of that. Like the topics, the scenarios, the algorithms writing way.

Third: After going through topics one by one implement that. (Nowadays there are many online platforms too to practice coding via smartphone). Implementation would help in getting that knowledge to the peak as one would get errors and their solutions. So by following this, even little basics would be cleared.

Fourth: Now try to go through a project related to your particular Programming language and try to modify that.

Fifth: After the regular practice, the 'CODER' word welcomes you.

4. CONCLUSION

Coding is the computer language used to develop apps, websites, and software. Coding isn't that hard for tech-savvy people who patiently put in the time and effort to learn.

Without it, we'd have none of the most popular technology such as Facebook, our smartphones, the browser we choose, etc. It all runs on code. CODER doesn't mean that you should have hand on all the languages .You should have knowledge of everything but can have a handful on one language. Coding is a Practical Subject which needs Practice.

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