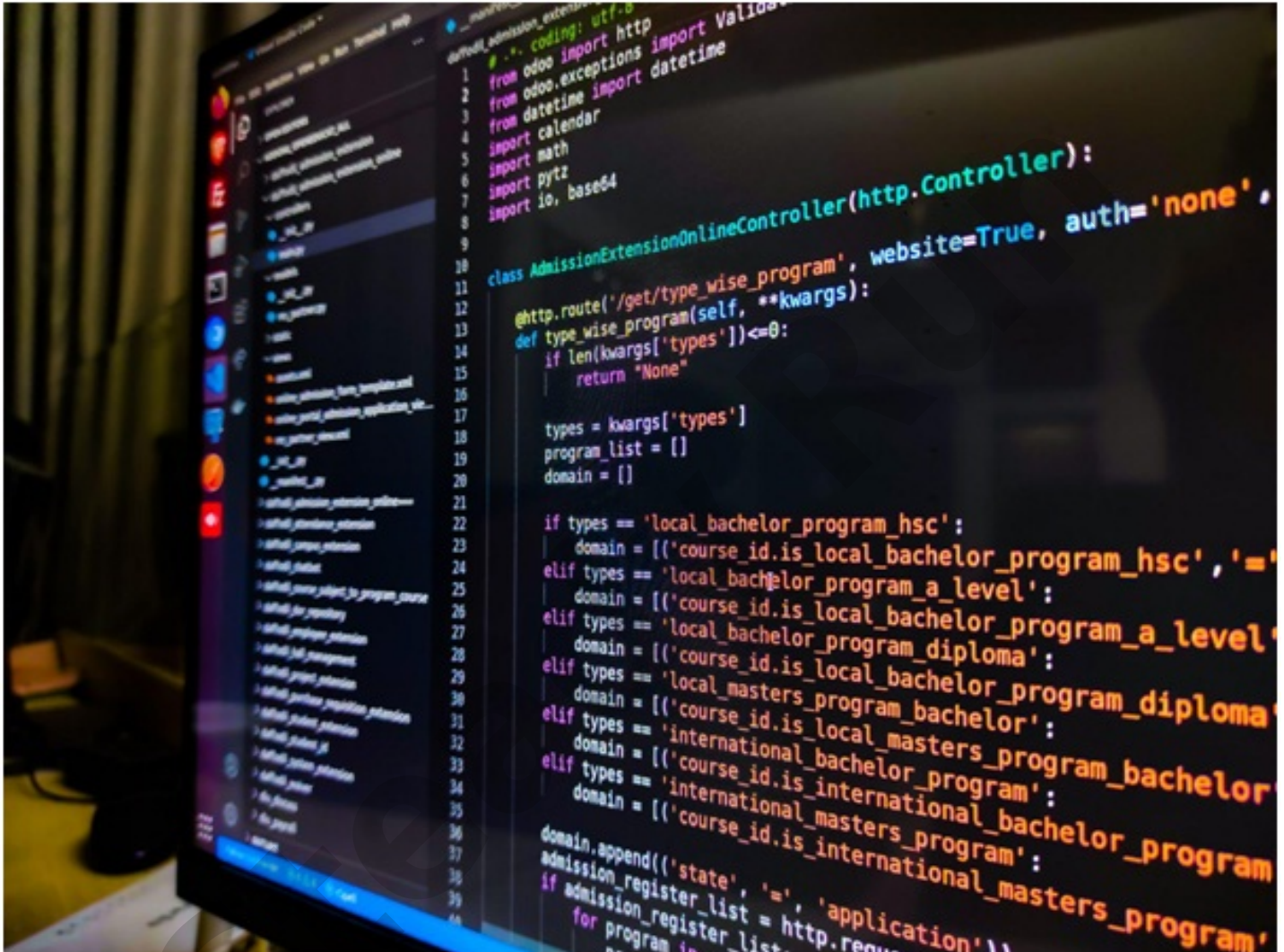


Computer science is an important problem-solving aspect of life with many lucrative careers and thus many are searching for [bachelor of science in computer science](#). Read more to find out how to choose the right computer science profession for you.

Technology has taken over every facet of the world. It is not going away anytime soon. There are technologies in all spheres of life, but computer science is a problem-solving aspect that will keep developing as time goes on.



Computer science can be defined as the practical, theoretical, and scientific approach to computation via computers. Computer scientists are an essential part of society. They use their knowledge and understanding of computation processes and computers to solve real-world problems and create new theories.

If you are a college student wondering if you should opt for computer science, you should keep reading. This post will help you put some things into perspective.

Why it is Important to Know Computer Science in Our Time

There are many reasons to know computer science in our time. The most significant one is that the world is moving global very quickly. Hence, we need to adapt to it as quickly as we can. Computer science provides the solution for numerous problems. It allows students to study the development, analysis, and design of the hardware and software needed to solve issues. In various scientific, business and educational contexts.

Students need to know computer science to keep carrying out technological wonders. This makes life easier and makes a positive difference in the world. It is challenging. As a student studying this course, you could [ask Edubirdie to write your essay](#) assignments while focusing more on your courses. Using such a writing service can save a lot of time that can be used for studying.

Knowing computer science in our time is crucial. This is because computing offers many lucrative career options. It provides splendid opportunities to showcase innovativeness and creativity.

And most of all, computing is an integral part of everything we do.

What are the Types of Computer Science and the Professions that can be Acquired?

It is important to note that computer science can be divided into two branches. The branches offer high-paying computer professions. These branches are Applied Computer Science and [Theoretical Computer Science](#).

Theoretical Computer Science

- Information and Coding Theory
- Formal Methods
- Theory of Computation
- Programming Language Theory
- Algorithms and Data Structures

Applied Computer Science

Game Design

Some of the professions that can be acquired here are Video Game Designer, Software Engineer and Game Developer.

Artificial Intelligence

Some of the professions that can be acquired here are Machine Learning Engineer, Artificial Intelligence Architect and Artificial Intelligence Researcher.

Computer Graphics

Some of the [professions](#) that can be acquired here are Android Developer, iOS Developer and Mobile Application Developer.

Software Engineering

Some of the professions that can be acquired here are Software Engineer and Software Development Engineer.

Programming Languages

Some of the professions that can be acquired here are [Software Programmer](#), Front-End Developer, Game Developer and Full-Stack Web Developer.

Data Science

Some of the professions that can be acquired here are Database Administrator, Data Scientist, Machine Learning Engineer, Business Intelligence Analyst, Information Scientist and Data Analyst.

Information Security

Some of the professions that can be acquired here are Network Security Analyst, System Security Analyst and Security Engineer.

Networking

Some of the professions that can be acquired here are Network Architect, Network Administrator and Network Analyst.

Computer-Human Interface

Some of the professions that can be acquired here are Interaction Designer, User Experience Researcher, and UX Designer.

Choosing the Right Computer Science for You

Before selecting the right computer science program, you need to know what you see yourself doing. Here are some tips that come in handy when selecting a program:

1. Choose what feels right to you. You don't have to force yourself to be interested in a particular field.
2. Be very flexible when picking career paths and become a solid generalist.
3. If you have a specific company you would love to work for, study the specialization needed by the company.
4. Meet up with your computer teacher or lecturer. Do this if you have questions after a lesson or are confused about what to do.
5. Study your tech mentors. The people in the field whom you look up to.

When choosing a profession in computer science, try to opt for what feels more natural to you. It would be best if you had a genuine interest in any field you choose; otherwise, you might not excel. The best thing to do is carry out proper research before committing yourself to a domain. And when you do, develop yourself as much as you can.