



UNIVERSITI
KEBANGSAAN
MALAYSIA
*National University
of Malaysia*

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CAREER PORTFOLIO

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Class: 3k1

Career Interest: Computer Science



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1. Career Interest

Career Interest: Computer science

Computer Science is the study of computers and computational systems. Unlike electrical and computer engineers, computer scientists deal mostly with software and software systems; this includes their theory, design, development, and application.

Why computer science?

The most important aspect of computer science is problem solving, an essential skill for life. Students study the design, development and analysis of software and hardware used to solve problems in a variety of business, scientific and social contexts. Because computers solve problems to serve people, there is a significant human side to computer science as well.

Six reasons to study computer science

1. Computers are everywhere

There's not an industry out there that isn't using data and computer technology on a daily basis. Everything from finance and banking, gaming and mobile applications, to healthcare and security all require the specialist skills of professional computer scientists.

2. Financially rewarding

Computer scientists are some of the most highly paid in the world as their skills help businesses keep up with emerging trends. Areas such as cyber security and artificial intelligence, for example, have a shortage of skilled workers so there are plenty of exciting employment opportunities.

3. Choice of specialisms

With a computer science degree you can explore a range of specialisms depending on your career goals. Industries looking for talented programmers include AI, computer security, government, healthcare, agriculture/agritech, education, machine learning and financial services

4. Global opportunities

Multinational companies around the world are looking for computer scientists to solve their business problems. This could be anything from how to analyse big data and drive business strategy to using artificial intelligence to map the evolution and spread of COVID-19.

5. Develop transferable skills

One of the benefits of studying computer science is you will develop skills that are useful in any career. For example, being analytical and good at problem solving are essential skills any employer would look for.

Relevant experience related to Computer Science

1. Joined the Computer Programming course in PPCS 2018 – received first exposure to programming, learned how to code using Python
2. Participated in the Malaysia Mechatronic Competition 2019

2. University Interest

i) International university

1. Stanford University



2. Massachusetts Institute of Technology



3. Carnegie Mellon University



ii) Local University

1. Universiti Kebangsaan Malaysia



2. Universiti Teknologi Petronas

