Content

**Computer What?**

* + Computer Science Myths
    1. Computer Science is just about using computer programs?

Computer Science is a lot more then just using programs such as email or a word processor. Computer Science is about developing software and services that perform those tasks, or creating solutions for complex problems. It is more then just sending an email, you could be helping design the next driverless car!

* + 1. Computer Science is all about programming

That is a very narrow view of Computer Science. Programming is only a small part of the field of Computer Science, and degree in Computer Science is not required to develop your skills in programming, anyone can learn to program. Programming becomes one of the many tools that a Computer Scientist may use in their daily work, however some may not ever do any programming.

* + 1. Computer Science is about fixing PCs

The field of computer Science is definitely not about fixing computers or even using the computer itself. Computers are simply the tools that are used by Computer Scientist, like how a chemist would use beakers and test tubes. Computer Scientist uses both practical sides of computing and theory to develop effective solutions.

* + 1. Computer Science sounds boring

When working a job in the Computer Science field it is much more then sitting alone at a desk all day. There is never a chance to be bored because there are always new problems that need solved. The complexity of these problems requires working with many other people to solve them, it even requires working with people in other fields to solve these problems.

* + 1. Computer Science is not an important

Computer are used everyday we can see easily see how important they have become in our society. Using Computer Science we can help keep the integrity of personal and business data, the safety of bank accounts, keep flying safe, ensure privacy in communication, reduce cost in business operations, and create effective services, all these issues can be solved using skills developed in a Bachelor of Computer Science degree program.

* + 1. Computing professional are not likely to help people

Computer Science drives innovation in many different fields, not just in Computer Science. Computer Scientist can use their skills to help solve problems in many different fields, wether it is in business, engineering, entertainment, health care, or education.

* + 1. Computer Science is just for geeks

This could be a myth created by Hollywood that Computer Science is just for geeks, but that is nothing more then a myth. Computer Scientist must be effective communicator and use their knowledge to work with others to design effective solutions. Computer Scientist can be athletes, medical professionals, game developers, business analysts, etc.

* + 1. There is no creativity involved in Computer Science

To find effective solutions it requires highly creative thinking, and Computer Science requires this creative thinking. The best solutions in the field exemplify the use of elegance and beauty. A lot of what is done in Computer Science is created for people, therefore the process of software development is not very mechanical. Creating a software system people will want to use requires creative thinking towards the design and functionality of the system.

* + 1. There are no jobs

There is currently a huge demand for graduates with Computer Science degrees, and there is not enough graduates to fill these positions, you are almost guarantee a job upon graduation. UNB Computer Science Co-op program also allows you to earn while you learn and prepare you with hands on job experience after graduation.

* + 1. Computer Science is not for women

It is true that men do outnumber women in Computer Science, but that is changing. It is more and more common to see women becoming extremely successful in the field, and some studies show that women are even better programmers than man. Women are just as capable of men of designing innovative solutions, facing challenges, creating new products and services as men are.

http://fusion.net/story/267752/female-programmers-on-github-do-better-than-men-if-they-hide-their-gender/

* + Then What is Computer Science? https://www.cs.mtu.edu/~john/whatiscs.html

The field of Computer Science is a huge field that incorporates both theory and practice. Everywhere you look today someone is using a computer. Computer Science is more then just using computers or even being a computer programmer. Computer Science can be seen as the science of problem solving. The skills you learn in a Bachelor of Computer Science can equip you with the ability to analyze and create solutions for a variety of problems. Problem solving is not a boring job, it requires critical thinking and lots of creativity.

Since computer have become such an integral part of our world, the disciple of Computer Science spills over to many other fields. Your interest in Computer Science can help solve problems in other fields you maybe interested in such as: health care, business, engineering, and where ever else your interest may lead you. Within the disciple itself there are many fields such as computer architecture, software systems, graphics, artificial intelligence, and software engineering. Computer Science is not a narrow field, and the opportunities are endless!

* + Skills used in Computer Science

**Careers in Computer Science**

* + About
  + Careers
  + Employers
  + Demand

**Computer Science at UNB**

* + UNB Faculty of Computer Science
  + Course Offerings
  + History - http://www.unb.ca/fredericton/cs/about/index.html
  + Co-op Program
  + Concurrent Programs

**How to Apply**

* + Applying at UNB Fredericton: <http://www.unb.ca/admissions/applying-to-unb/index.html>
    - The Deadline to apply for the Bachelor of Computer Science at UNB Fredericton is March 31. This ensures the best possible of being offered a place in your preferred program. *Late applications will be considered based on available program space.*
    - How to Apply:
  + Request for more information fields for (<http://www.unb.ca/admissions/applying-to-unb/index.html>):
    - First Name
    - Last Name
    - Address, Apt. Number, City, Province, Postal Code,
    - Email Address
    - Phone
    - We would default information about Fredericton campus
    - Current High School
    - Current Grade Average
    - Default indicate program of interest would be Computer Science, but also include options for concurrent programs with Arts and Sciences.

**Sources:**

**<http://www.slideshare.net/Hatziapostolou/10-myths-for-computer-science>**

**<http://www.unb.ca/fredericton/cs/careers/top-10-career-myths.html>**