# What Can I Do With My Major?
## Computer Science

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**Slide Content**

# Why Study Computer Science at UPEI?

Students in computer science creatively engage with data and learn how to represent and process it alongside creating software. Problem solving and attention to detail and the ability to communicate information are essential skills applied throughout the program. Students graduate into a world of work with ever increasing needs for those who can manage and gather useful information from data and apply creative solutions.

Adapted from www.upei.ca/programs/computer-science

# Career Possibilities

Some careers may require further education

- Applications Developer
- Artificial Intelligence Researcher
- Computational Healthcare Specialist
- Computer Hardware/Software Designer
- Computer Organization Coordinator
- Digital Arts & Entertainment Programmer
- eCommerce Consultant
- Security Systems Programmer
- Systems Analyst
- Video Game Developer

# Top Transferable Skills

**Analysis** requires comparing information and data to help categorize, perceive patterns and relationships and evaluate ideas - a critical part of examining evidence.

**Problem-solving** skills require the ability to define, clarify and recognize problems. Effective problem-solving is integral to processes such as applying theory to test hypotheses and find solutions.

# Top Transferable Skills

**Computer skills:** Utilize continuous changing computer technology, software, and programs to model, store and display work, and advance in many career fields.

**Communication skills** require the ability to communicate abstract concepts, translate information, explain complex issues, report findings/results, processes and data interpretation.

CONTRACT

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# Computer Science Related Resources

Canadian Association of Computer Science

Canadian Association for Information Science

Canadian Information Processing Society

Computer Science Canada

Computing Research Association

International Federation of Technical Analysts

Society for Canadian Women in Science and Technology

Web Intelligence Consortium

# Thanks For Reading!

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