COMPUTERS RUN THE WORLD. WHO RUNS THE COMPUTERS?

Computing is everywhere. We depend on computers to do everything from track our finances, search for jobs or even just to listen to music and play games. As computer technology creeps further into our daily lives, more computer related jobs are being created to meet the demand.

Studying computing helps you learn how computer systems and related technologies work and how they can be used to develop the next wave of computer innovation. Computing skills can help you advance in your career even if you ultimately enter a career path outside of computing.

WHERE CAN COMPUTING TAKE ME?

Computing is far from boring. No matter what industry you enter, as an IT professional, you'll generally enjoy a rewarding career in a flexible, casual and fast-paced work environment. You may find yourself in creative positions such as web designer or games developer. Others may opt for positions that depend more on their communication and social skills than on programming and development savvy.

At the beginning of your career, you may start out as a junior software programmer, software tester, web developer, database administrator, or even a network administrator, before moving on to become a game developer, information systems analyst, software engineer, or senior consultant.

You'll find our graduates working at:

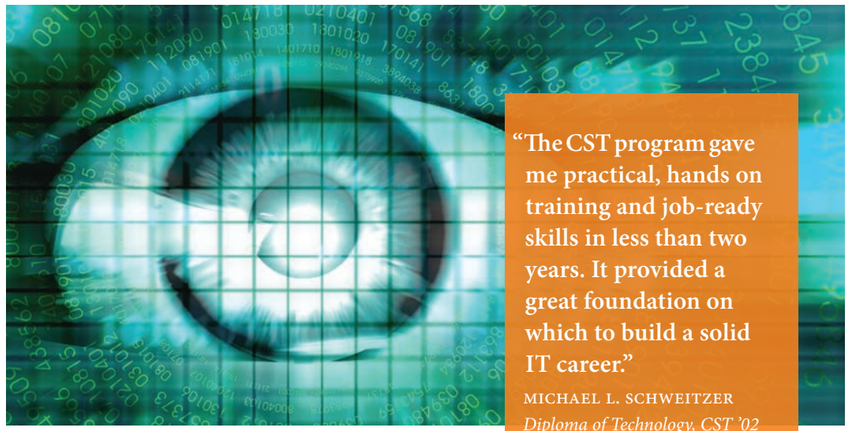
- *Accenture*
- *Active Network*
- *airG*
- *Electronic Arts*
- *Fortinet*
- *Global Relay*
- *Habañero*
- *HSBC*
- *IBM*
- *ICBC*
- *McKesson*
- *MDA*
- *Microsoft*
- *PMC Sierra*
- *RCMP*
- *Ritchie Bros.*
- *Sophos*
- *Sage*
- *Telus*
- *Vision Critical*

Companies founded by our graduates:

- *Autobox Media*
- *Blackninja Software*
- *CAMS Software*
- *Dark Realm Studio*
- *Good Guy Robots*
- *PlentyofFish.com*
- *Supreme Heaven Internet Team*

MCD 1294

SCHOOL OF COMPUTING



"The CST program gave me practical, hands on training and job-ready skills in less than two years. It provided a great foundation on which to build a solid IT career."

MICHAEL L. SCHWEITZER
Diploma of Technology, CST '02
Bachelor of Technology, CST '08
Practice Leader,
Enterprise Content Management, Habanero Consulting Group

Full-time Diploma program
E cst_enquiries@bcit.ca
T 604.412.7489

CST Degree program
E cstbtech@bcit.ca
T 604.432.8644

Computing Part-time Studies
E cstpts@bcit.ca
T 604.432.8465

bcit.ca/computing

"I appreciate the practically designed courses and the well coordinated lectures and labs. We get to use a dedicated lab in the second year! The IT skills I learned in the first year helped me start quickly in my co-op work-term at HSBC."

ALAN ZHAO
Diploma of Technology, CIT '10

"If you want change, challenge and growth, IT is a great place to be."

RICHARD AND BRIAN TAYLOR, *CAMS Software*

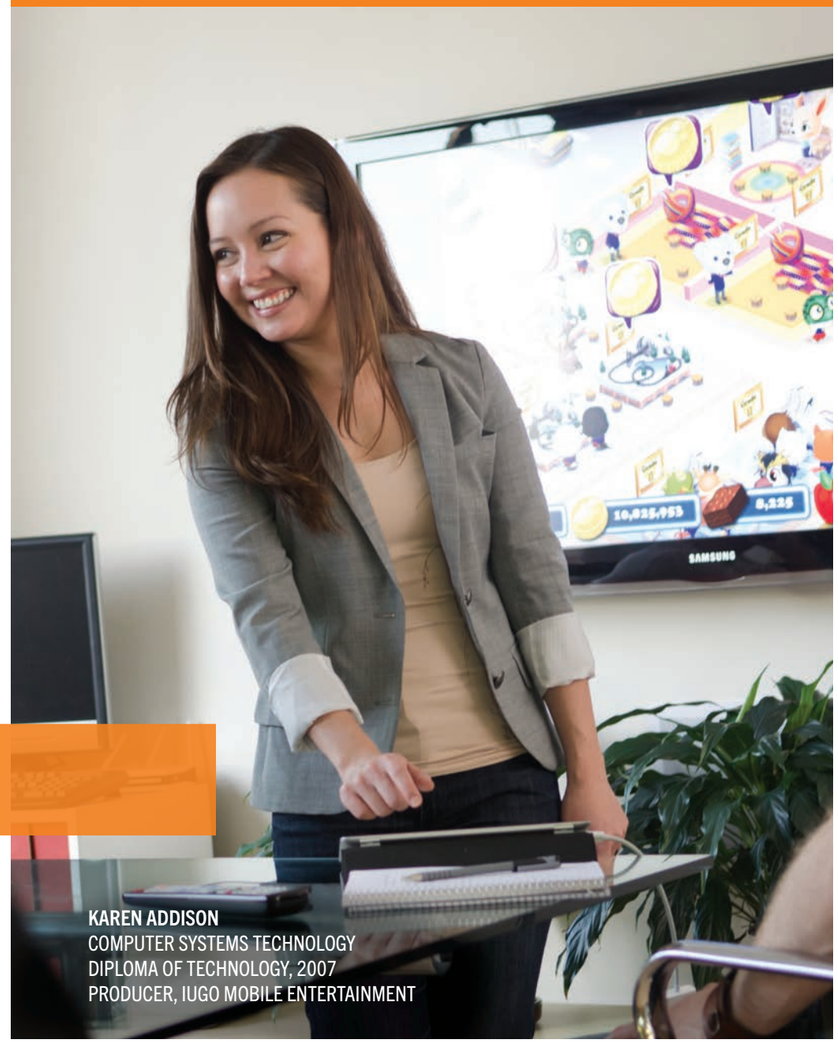
BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY
3700 WILLINGDON AVE
BURNABY, BRITISH COLUMBIA
CANADA V5G 3H2

bcit.ca

BCIT SCHOOL OF COMPUTING

FULL-TIME PROGRAMS

- Diploma of Technology, Computer Systems Technology
- Diploma of Technology, Computer Information Technology
- Bachelor of Technology, Computer Systems



KAREN ADDISON
COMPUTER SYSTEMS TECHNOLOGY
DIPLOMA OF TECHNOLOGY, 2007
PRODUCER, IUGO MOBILE ENTERTAINMENT

WHAT DOES THE BCIT SCHOOL OF COMPUTING HAVE TO OFFER?

ADVANCED CURRENT TECHNOLOGY

Just as the IT industry is constantly changing, so too are our programs. To meet current and future technology trends, our curriculum is created and constantly updated with strong industry input and taught by subject matter experts. The programs are also accredited and regularly reviewed by the Canadian Information Processing Society (CIPS).

INDUSTRY EXPERIENCE

Don't expect to be sitting in a classroom the whole time. Thanks to industry projects, co-op opportunities and group assignments, you can expect to gain real-world, hands-on and current experience while studying at BCIT. With our programs' heavy emphasis on hands-on training, time management, and teamwork skills, students are well-equipped to enter the workforce upon graduation.

FLEXIBLE LEARNING – DIPLOMA OR DEGREE, FULL-TIME OR PART-TIME

You have the flexibility to earn a two-year diploma and enter the workplace or continue on for two more years to obtain a degree. If you choose to enter the workforce after completing the diploma, you can still continue studying in our part-time degree program.

START HERE

DIPLOMA OF TECHNOLOGY

FULL-TIME 2 YEARS

Computer Systems Technology
- > Client/Server
- > Database
- > Data Communications and Internetworking
- > Digital Processing
- > Information Systems
- > Technical Programming

OR

Computer Information Technology
(Database, web, network and security)

BACHELOR OF TECHNOLOGY

FULL-TIME 2 YEARS

Computer Systems
- > Games Development
- > Network Security Administration

OR

PART-TIME UP TO 7 YEARS

Computer Systems
- > Database
- > Distributed Systems
- > Human Computer Interface
- > Network Security Administration
- > Network Security Development
- > Wireless and Mobile Applications Development

ENTER WORKFORCE

	OVERVIEW	DESCRIPTION	CAREERS	IN A NUTSHELL
COMPUTER SYSTEMS TECHNOLOGY DIPLOMA (CST)	Combines the theory of computing systems with hands-on application software development. > Two years full-time > September and January intakes > Total credits: 126	> Focused on software engineering and programming > Teaches languages/platforms, including: > C, C++, C#, Java > xml, PHP, ASP.NET > Windows, Linux > SQL, UML > Source Safe, Subversion > Year 1 – common to all CST students > Year 2 – choose from one of the six option specializations > Complete two industry projects > Optional Co-op (four- or eight-month terms) > A well recognized credential offered since 1967	Start as a... > software developer or programmer > web developer > network administrator > database administrator > software tester > and more. Advance to... > software architect > project manager > team lead > entrepreneur > and more.	Emphasis on low-level programming, how things work and problem solving. **bcit.ca/study/programs/cstdiploma**
COMPUTER INFORMATION TECHNOLOGY DIPLOMA (CIT)	Teaches the configuration and management of diverse computing and information technology. > Two years full-time > September intake > Total credits: 121	> Prepares graduates for IT systems management, administration and computer-related careers. > Train technical experts in: > Database administration > Systems configuration > Network administration > Web technologies > Breadth of technologies: > Programming languages: Java, SQL > Servers/services: Linux and Windows > Complete two industry projects > Optional Co-op (four- or eight-month terms)	Start as a... > systems administrator > software tester > user support technician > web programmer > database administrator > and more. Advance to... > systems analyst > security analyst > project manager > team lead > and more.	Emphasis on configuration and applying computer software (created by programmers) to build applications and technology solutions. **bcit.ca/5520diplt**
CST BACHELOR OF TECHNOLOGY (CST BTECH)	A career-enhancement degree. > Two years full-time or up to seven years part-time > Total credits: 60	> Covers essentially all major areas of computing so graduates are able to explore new areas of IT technologies > A career enhancing program to increase depth of knowledge and practical skills > Includes courses in management, ethics, communications and applied research > Complete a major project with detailed proposal and final report	Start as a... > business analyst > network security administrator > project manager > system architect > data expert > enterprise resource planning specialist, etc. Positions at this level require a higher degree of specialized training in both technical and management areas.	Develop greater breadth of knowledge. **bcit.ca/825ebtech** **bcit.ca/825hbtech**

*Subject to change without notice. For complete, up-to-date program information, refer to the program-specific brochure or website.