Exploring Careers and Alumni in Computing Science
Why did you choose to attend university?
For two-thirds of first-year students, employment and career related issues are the single most important reason for attending university.

(Canadian University Survey Consortium, 2013)
To view, please visit: www.youtube.com/watch?v=bMsxubCqtY4&feature=youtu.be
Employers valued **Work Integrated Learning and co-curricular involvement above academic performance** (CACCEE Report, 2013)
Considering careers related to computing science? What's stopping you? Let's debunk common myths.
**MYTH:** You need to be a math genius to succeed in Computing Science.

**FACT:** The path you choose in computing science will dictate how much math you need to learn.
MYTH: Computing science isn't creative.

FACT: Programmers use their imagination and technical skills. Creativity is important for problem-solving and creating new products!
MYTH: Computing science isn't a helping profession.

FACT: You can make a difference in the world. Innovative life saving technologies come from leveraging computers.
MYTH: Computing science is antisocial.

FACT: Computing science is collaborative. By pulling together teams with different skill sets, you can create solutions to human dilemmas.
B.C. Labour Market Outlook

2015 - 2025

1. Computer & Information Systems Managers (4,100)

2. Information Systems Analysts & Consultants (9,100)

3. Computer Programmers & Interactive Media Developers (7,800)

4. Web Designers & Developers (2,600)

5. Computer Engineers* (1,400)

6. Computer Network Technicians (3,800)

7. User Support Technicians (2,900)
Computing-related Openings

- Client Technology Specialist
- IT Security Analyst
- Data Engineer
- FIFA - Video Art Director
- Marketing & Promotions Coordinator
- IT Buyer Specialist
- Lab Researcher
- Special Effects Artist
- Manager, Fraud & Compliance
- Web Developer
- Software Developer
- Network & Systems Administrator
- Technical Support Technician
SFU Alumni Profiles
David D.

BA Cognitive Psychology (major)
Computing Science (minor)

Volunteer Technical Worker
Free Geeks Vancouver

Principal
Open-Meta Computing Inc

Senior Software Engineer
Lexica LLC

Senior Software Engineer
IKnowMed
Patrick L.
BSc in Computing Science (major), History (minor)
M.Ed in Leadership

Research Assistant
SFU School of Interactive Arts & Tech

Systems Consultant
SFU School of Computing Science

Associate Director, Strategic Enrolment Analysis
SFU

Partner & Co-Founder
Plaid Consulting

Director, Business & Policy Analysis
SFU
Rohan S.
B.Busines M.I.S.

Business Specialist
Apple

Sales & Service Specialist
Simply Computing

Promotions Manager
Twisted Productions Inc
Events Company

Concert Productions Manager
SFSS
Maryna Z.
BSc Computing Science (major)
Business Administration (minor)

Sciences Po
Exchange Program (Paris)

Graphic Artist
Black Press

Developer & QA Consultant Intern
SAP

Software Developer
SAP
One Major+Minor, Endless Possibilities

EXPLORE OPPORTUNITIES IN YOUR AREA OF STUDY

*Note: Programs with deactivated links are yet to be constructed. Keep checking back for updates.

- Faculty of Applied Sciences
  - Biomedical Engineering
  - Computing Science
  - Engineering Science
  - Mechatronics
  - Big Data

- Faculty of Communication, Art and Technology
  - Communication
  - Dance
  - Film
  - Interactive Arts & Technology

- Faculty of Health Sciences
  - Health Sciences
  - Master of Public Health

- Faculty of Arts & Social Sciences
  - Anthropology
  - Asia-Canada
  - Cognitive Science
  - Criminology
  - Economics
  - English

- Beedie School of Business
  - Accounting
  - Finance
  - Human Resource Management
  - International Business
  - Management Information Systems
  - Marketing
  - Operations Management

- Faculty of Education
  - Education
  - General Studies*

- Faculty of Science
  - General Science
  - Actuarial Science
  - Applied Mathematics
  - Applied Physics
  - Behavioural Neuroscience
  - Biological Sciences
  - Biomedical Physiology
  - Chemical Physics
  - Chemistry
  - Earth Sciences

- Faculty of Environment
  - Archaeology
  - Bachelor of Environment
  - Environmental Science
  - Geography
  - Human Geography
  - Resource and Environmental Management
  - Sustainable Community

Visit: sfu.ca/career/WCID.html
59 results for Computers

<table>
<thead>
<tr>
<th>Careers</th>
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<tbody>
<tr>
<td>Actuary</td>
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<td>The mathematical experts who estimate risks and costs for insurance companies.</td>
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<tr>
<td>Adult Education Teacher</td>
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<tr>
<td>Classrooms aren't always filled with kids. Help adults advance their studies.</td>
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<tr>
<td>Air Traffic Controller</td>
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<tr>
<td>Tens of thousands of flights are made every day, and air traffic controllers help make sure they arrive safely.</td>
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<tr>
<td>Architectural Tech</td>
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<tr>
<td>Use your technical skills to help design and construct buildings, bridges, and other structures.</td>
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<tr>
<td>Audio-Visual Technician</td>
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<tr>
<td>Help people see and hear concerts, presentations, and other events by setting up and operating the audio-visual equipment.</td>
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<tr>
<td>Bioinformatics Specialist</td>
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<tr>
<td>Use an expert knowledge of computer science, statistics, and biology to help other scientists analyze the vast amounts of information their research creates.</td>
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Bioinformatics Specialist

At a Glance

Bioinformatics specialists use their knowledge of computers and math to collect, analyze, and store biological data.

Earnings Range
- 35K - 100K

Level of Education
- University

Suitable for you?
- Find out if this career is suitable for you

Core Tasks
1. Create and maintain databases to store biological data, such as DNA sequences
2. Test and debug computer programs used to analyze data
3. Help researchers use computer programs and other tools to analyze data
4. Some help design and operate clinical trials to test new drugs or medical devices

Attributes & Abilities
- Work well alone and as part of a team
- Communication skills
- Curious and analytical
- Problem-solving skills
- Patient and disciplined

Workplace
- Employed by universities, drug companies, governments, and hospitals
- Usually work as part of a team of scientists
- Spend much of their time using computers in labs and offices
- May work from 9 to 12 hours a day depending on the workplace
- Overtime, evening, and weekend work may be required
Bridges.ca

According to Post-Secondary Program

Interactive Media Developer

What They Do

Interactive media developers write, modify, integrate and test computer code for Internet applications, computer-based training software, computer games, film, video and other interactive media. They are employed in computer software development firms, information technology consulting firms and in information technology units throughout the private and public sectors. This occupation may also be associated with biotechnology.

This career is part of the Arts, Audio-Video Technology and Communications cluster, Business, Management and Administration cluster, Information Technology cluster, Marketing, Sales and Service cluster.

Typical Tasks:

- Program animation software to predefined specifications for interactive CDs, DVDs, video game cartridges and Internet-based applications
- Program special effects software for film and video applications
- Write, modify, integrate and test software code for E-commerce and other Internet applications
- Assist in the collection and documentation of user's requirements.
- Assist in the development of logical and physical specifications
- Research and evaluate a variety of interactive media software products
- May organize and lead a team of interactive media developers.
WorkBC.ca

Explore careers by education & salary

EXPLORE CAREERS

Discover the career of your dreams. Explore 500 career profiles and get all the details you need, from job duties and wages to projected demand in your region.

Search 500 Career Profiles by

Job title or NOC
Bachelor's, Graduate or First Professional Degree
All salary ranges

Education level & salary range

Occupation categories

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07 Employment outlook
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VANCOUVER

HTML & CSS Level 2: Learn to build an online resume

Have you taken our HTML and CSS workshop? Looking to expand your web-development skills? Wonder what all this CSS3 stuff is about? CSS is a powerful language used to create layout and design for web pages. Without CSS, the web would not be as pretty! Learn More

Led by
Michaela Klassen
@michaelaaa
Vancouver Community Manager
Ladies Learning Code

March 25, 2017
10:00 am - 4:00 pm
Mobify
725 Granville St #420,
Vancouver

Register

Girls Learning Code Web Making with HTML & CSS (Parent/Child) for girls ages 8-13

Girls Learning Code is excited to announce an experience that offers girls the opportunity to leverage creativity to build an online web presence. The workshop will focus on reading and writing HTML & CSS using a tool called Mozilla Thimble, an easy-to-use online web making platform that allows for live previewing while coding. Learn More

March 25, 2017
1:00 pm - 4:00 pm
Simon Fraser University
8888 University Dr.,
Vancouver

Register
You bring the motivation & passion, we'll provide a one-of-kind learning environment and a wicked community of developers.
Learn to code interactively, for free.

SIGN UP AND START CODING IN SECONDS.

Email
Password
Username

SIGN UP

Google Sign up with Google
Facebook Sign up with Facebook
GitHub Sign up with GitHub

By signing up, you agree to our Terms of Service.
# Clubs and Activities on SFU

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<tr>
<th>Club</th>
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<tbody>
<tr>
<td>Engineering Student Society</td>
<td><a href="http://esss.ca">http://esss.ca</a></td>
</tr>
<tr>
<td>Computing Science Student Society</td>
<td><a href="http://sfucsss.org">http://sfucsss.org</a></td>
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<tr>
<td>Women in Communications and Technology (WCT)</td>
<td><a href="http://wct-fct.com/en">http://wct-fct.com/en</a></td>
</tr>
<tr>
<td>Women in Computing Science (WiCS)</td>
<td><a href="http://sfu.ca/computing/wics">http://sfu.ca/computing/wics</a></td>
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<tr>
<td>Westcoast Women in Engineering, Science and Technology (WWEST)</td>
<td><a href="http://sfu.ca/wwest">http://sfu.ca/wwest</a></td>
</tr>
<tr>
<td>Case IT</td>
<td><a href="http://caseit.org">http://caseit.org</a></td>
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OTHER PROGRAMS

The School of Computing Science offers a variety of other ways to earn a qualification in computing science and gain a range of valuable skills to enhance your career prospects.

- COMPUTING SCIENCE MINOR
- CERTIFICATE IN COMPUTING STUDIES
- POST BACCALAUREATE DIPLOMA (PBD) IN COMPUTING SCIENCE
- SECOND DEGREE IN COMPUTING SCIENCE

DEGREE PROGRAMS
- Computing Science Major >
- Software Systems Major >
- Dual Degree Major with Zhejiang University >
TAKE ACTION

RESEARCH ON YOUR OWN

WITH OTHERS

GAIN ACTIVE EXPERIENCE
THANK YOU!

Brenda Badgero - Career Education Manager
E: bbadgero@sfu.ca

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- Work Search Strategies & Documents
- Gaining Experience Ideas and more!

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