

# Welcome to the Programming World

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What do you learn in this  
course?

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# What do you learn in this course?

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- Many things
- specifically C# Programming
- C# is a successor of C++ and C programming languages
- Fun Fact: what does # mean in C#?

Does it worth to learn C#?

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# Indeed Job search results (Sept 2020)

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Job title, keywords, or company

C#

**Where**

city or province

British Columbia

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Remote ▾

Salary estimate ▾

Job type ▾

Location ▾

Company ▾

Job Language ▾

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C# jobs in British Columbia

Sort by: **relevance** - date

Page 1 of 603 jobs ⓘ

**Systems Developer, Quantitative Equity**

Connor, Clark &amp; Lunn Financial Group 2.7 ★

Vancouver, BC

- Connor, Clark & Lunn Investment Management Ltd.
- Collaborate with portfolio managers, analysts and researchers to analyze interesting financial problems.

30+ days ago · [Save job](#)

# Indeed Job search results (Jan 2019)

← → ↻ Secure | <https://www.indeed.ca/jobs?q=C%23&l=BC>

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**indeed**

What  Where   
job title, keywords or company city or province

C# jobs in British Columbia

My recent searches

[c# - Vancouver, BC](#)

» [clear searches](#)

Sort by:  
relevance - [date](#)

**Salary Estimate**

\$60,000	(532)
\$80,000	(320)
\$100,000	(56)
\$120,000	(7)
\$140,000	(3)

**Job Type**

Full-time	(255)
Permanent	(70)
Contract	(60)

[Upload your resume](#) - Let employers find you **Jobs 1 to 20 of 634**

**Senior Software Developer**  
Ronin HR  
Kelowna, BC  
\$90,000 - \$110,000 a year  
Ability to develop software in Java, Ruby on Rails, C++, C#, Python or other programming languages. Senior Software Engineer at Tveon....  
[Easily apply](#)  
Sponsored [save job](#)

**.Net Solution Architect**  
Softlanding Solutions Inc.  
Vancouver, BC  
Our team is seeking a .Net Architect experienced in large-scale web application projects to design an Azure PaaS solution. The initial duration of this...  
[Easily apply](#)  
Sponsored 3 days ago [save job](#)

**Junior Software Developer**  
Windward Software ★★★★★ 8 reviews  
Penticton, BC  
Programming in C#, Delphi and/or Pascal. Windward Software is looking to fill



best programming language



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About 454,000,000 results (0.55 seconds)

According to simpleprogrammer.com

View 3+ more



JavaScript



Python



C#



Java



PHP



Go



Swift

### Best Programming Language to Learn: The Top 10 Programming Languages To Learn In 2018

- JavaScript.
- Python.
- C#
- Java.
- PHP.
- Go.
- Swift.
- Rust.

More items...

Best Programming Language to Learn: The Top 10 Programming ...  
<https://simpleprogrammer.com/top-10-programming-languages-learn-2018-javascript-c-...>



most popular programming languages 2020



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About 905,000,000 results (0.93 seconds)

### Top 10 Most Popular Programming Languages

- **Java**. Number of jobs: 29,000. ...
- **C#** Number of jobs: 18,000. ...
- **C**. Number of jobs: 8,000. ...
- **C++** Number of jobs: 9,000. ...
- **Go**. Number of jobs: 1,700. ...
- **R**. Number of jobs: 1,500. ...
- **Swift**. Number of jobs: 1,800. Average annual salary: \$93,000. ...
- **PHP**. Number of jobs: 7,000. Average annual salary: \$81,000.

More items... • Jun 18, 2020

[www.northeastern.edu](http://www.northeastern.edu) › graduate › blog › most-popular-...

### The 10 Most Popular Programming Languages to Learn in 2020

About featured snippets Feedback

[towardsdatascience.com](http://towardsdatascience.com) › top-10-in-demand-program... ▼

### Top 10 In-Demand programming languages to learn in 2020 ...

Top 10 In-Demand programming languages to learn in 2020. Python, JavaScript, Java, C#, C, C++, PHP, Swift, Go, Ruby ...

# Other Benefits

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- When you learn C#, learning other languages would be **easier**
  - Logic, rules and most syntaxes are very similar
- When you learn C#, learning C, C++, Java, PHP, JavaScript... will be much easier



# How to get A+ in this course?

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A+ is just a mark, **learning is more important**

1. Watch recorded video of the class
2. While watching, do not forget popcorn and your favourite drink (just kidding 😊 )
3. While watching write down any question you may need to ask
4. There will some questions for your practice at home. Practice them.
5. Work on assignments. **You either struggle on assignments OR on exams NOT BOTH!**
6. Start working on the assignments immediately after (1) watching the weekly video, (2) practicing questions
7. Come to my office hours to ask your questions
8. Practice → Make mistakes → get feedback → Learn

# In Class Rules

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- We have 1 simple but important rule:
  - Respect and do not distract others.
- Some students say they get distracted easily in online courses. Recommendations:
  - Find a quiet and out of distraction for study/online participation
  - Turn off/silent your mobile phone and do not keep close to your desk
  - Put a note on your door that you are studying/in an online class

# Ask Before Judging

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- If anything is not clear to you and anything made you unhappy, talk to me before judging.
- In life, there is always a possibility of misunderstanding
- Specially during online semesters that is new to all of us, the possibility of misunderstandings is higher.

## Setup your notifications

- I will post important announcements on Blackboard
- You may want to know them as early as possible

The screenshot displays the Blackboard user interface. At the top, a green navigation bar contains links for 'Online Courses', 'Library & Tutoring', 'Student Resources', and 'Faculty Resources'. The user's name 'Saeed Mirjalili' and a notification badge '26' are visible in the top right corner. A settings menu is open on the right side, listing options: 'Courses', 'Links', 'Tools', 'Settings' (highlighted), 'Change Text Size', 'High Contrast Setting', 'Personal Information' (highlighted), 'Edit Notification Settings' (highlighted), 'Notifications Dashboard', and 'Privacy and Terms of Use'. The main content area shows a 'To Do' section with a user profile picture. It includes a 'What's Past Due' section with a link to 'All Items (0)'. Below this is a 'What's Due' section with a date selector set to '01/02/2019' and a 'Go' button. The 'Today (0)' section shows 'Nothing Due Today'. Further down are links for 'Tomorrow (0)', 'This Week (0)', and 'Future (0)'. At the bottom right, a timestamp reads 'Last Updated: January 2, 2019 11:45 AM'.

# Setup your notifications

Current Notification Setting: Introduction to Programming

Email  
mirjalilis@douglascollege.ca

Mobile  
[REDACTED]

- I will post important announcements on Blackboard
- You may want to know them as early as possible

## SETTINGS

<input checked="" type="checkbox"/> On/Off	Notification	<input checked="" type="checkbox"/> Dashboard	<input type="checkbox"/> Email	<input checked="" type="checkbox"/> Mobile
<input checked="" type="checkbox"/>	Announcement Available	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Assignment Available	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Assignment Due	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Assignment Needs Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Assignment Past Due	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Blog Needs Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Content Item Available	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Course/Organization Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Course Message Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Course Quota Soft Limits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Discussion Board Forum Needs Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Discussion Board Thread Needs Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Item Due	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Journal Needs Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Needs Reconciliation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	SCORM Content Item Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Course Outline Review

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Make sure to read the course outline carefully

# About me

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Saeed Mirjalili

- |         |                      |             |             |
|---------|----------------------|-------------|-------------|
| • B.Sc. | Software Engineering | IUST        | Iran        |
| • M.Sc. | Embedded Systems     | Uni. Lugano | Switzerland |
| • Ph.D. | System Security      | EPFL        | Switzerland |

(more than 28 years experience)

From 1992, a close friend of computers 