



# C# Programming

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# Christian Nagel

- Training
  - Coaching
  - Consulting
  - Development
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- Microsoft MVP
  - [www.cninnovation.com](http://www.cninnovation.com)
  - [csharp.christiannagel.com](http://csharp.christiannagel.com)
  - [github.com/cninnovation](https://github.com/cninnovation)



## Professional C# 7 and .NET Core 2.0

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# Topics

- Tools
- Core C#
- C# Types
- Object-Oriented Programming
- Operators and Casts
- Arrays
- Delegates, Lambdas, and Events
- Collections
- Language Integrated Query
- Error Handling
- Asynchronous Programming
- Reflection and Metadata
- Managed and unmanaged memory

A 3D rendering of a red puzzle piece standing out among a sea of white puzzle pieces. The red piece is in the center-left, slightly raised, and has a glossy finish. The white pieces are arranged around it, some slightly offset, creating a sense of depth. The lighting is soft, casting gentle shadows.

# Introduce yourself!

- Experience
  - C#
  - .NET
- Expectations
  - What are the most important parts for you?
  - What's not important?
  - What's missing?



# Professional C# 7 and .NET Core 2.0

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## Course Materials

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- Professional C# 7 and .NET Core
- GitHub Repo
  - <https://github.com/CNILearn/csharpmay2021>
  - Code Samples

Let's start!

