

Table of Contents

[Chess Programs](#)

[Dynamic List](#)

[Neural Networks](#)

[See also](#)

[Publications](#)

[Forum Posts](#)

[External Links](#)

[C#](#)

[Yield](#)

[Frameworks](#)

[References](#)

[What links here?](#)

[Home](#) * [Programming](#) * [Languages](#) * [C#](#)

C# has been developed by [Microsoft](#) as part of the [.NET Framework](#). It is a [Multi-paradigm programming language](#), being [functional](#), [imperative](#), [generic](#), [object-oriented](#), and [component-oriented](#). C# Chief Architect is [Anders Hejlsberg](#), the creator of [Turbo Pascal](#) and [Delphi](#) ^[1].

Chess Programs

- [Chess Program in C#](#) by [Jacques Fournier](#), from the [Code Project](#), Last Updated: June 08, 2009
- [How to Develop a Chess Program for Dummies](#) based on [Huo Chess](#) by [Spiros \(Spyridon\) Kakos](#) ^[2]

Dynamic List

[Engines](#), written in [C#](#). To expand this list, create a new engine page with the [tag "csharpengines"](#).

1. [Alfil](#)
2. [ChessBin.com](#)
3. [ChessMaps](#)
4. [ChessV](#)
5. [Counter](#)
6. [Dolphin](#)
7. [Excelsior](#)
8. [FUSCsharp](#)
9. [Jabba](#)
10. [MadChess](#)
11. [NoraGrace](#)
12. [Portfish](#)
13. [RumbleMinze](#)
14. [Sharp Chess](#)
15. [SharpChess](#)
16. [The Turk \(TR\)](#)

Neural Networks

[John Wakefield's Dynamic Notions](#), a Blog about the evolution of [neural networks](#) with C# samples:

- [The Single Layer Perceptron](#)
- [The Sigmoid Function in C#](#)
- [Hidden Neurons and Feature Space](#)
- [Training Neural Networks Using Back Propagation in C#](#)
- [Data Mining with Artificial Neural Networks \(ANN\)](#)

See also

- [Generic Programming](#)

Publications

- [Liwu Li, Wenjiang Wang \(2004\)](#). *Object-oriented programming with dynamic classification in C#*. [IASTED Conference on Software Engineering and Applications 2004](#)

Forum Posts

- [c# for chess engine](#) by [Sergei Markoff](#), [CCC](#), September 13, 2011
- [C# Performance](#) by [Richard Allbert](#), [CCC](#), January 27, 2012

- [\[.Net only\] - fast bit operations](#) by [Balint Pfliegel](#), [CCC](#), June 18, 2012
- [Question About CPP-C#, Performance, and Square Represenation](#) by [Cheney Nattress](#), [CCC](#), September 29, 2012
- [Re: Question About CPP-C#, Performance, and Square Represenation](#) by [Erik Madsen](#), [CCC](#), October 03, 2012 ^[3]
- [C# compiler for Windows XP SP3](#) by [Norbert Raimund Leisner](#), [CCC](#), January 15, 2014

External Links

C#

- [C# from Wikipedia](#)
- [C# Language Specification](#)
- [C# Programming Guide](#) from [MSDN Library](#)
- [C# Reference](#) from [MSDN Library](#)
- [C# 4.0 and beyond by Anders Hejlsberg | Matthijs Hoekstra | Channel 9](#)

Yield

- [SYSK 149: Performance Analysis of the 'yield return' Statement - AppDev: Something You Should Know](#) by [Irena Kennedy](#) - [MSDN Blogs](#), July 05, 2006
- [Give way to the yield keyword! - IronShay](#), June 2008
- [Behind the scenes of the C# yield keyword](#) by [Lars Corneliussen](#), June 9, 2008
- [Demystifying the C# Yield-Return Mechanism -- Visual Studio Magazine](#) by James McCaffrey, February 02, 2012

Frameworks

- [.NET framework from Wikipedia](#)
- [Mono from Wikipedia](#)

References

1. [^](#) Behind the Code with [Anders Hejlsberg](#), [YouTube](#) Video
2. [^](#) [Huo Chess](#) from [MSDN Code Gallery](#)
3. [^](#) [Behind the scenes of the C# yield keyword](#) by [Lars Corneliussen](#), June 9, 2008

What links here?

Page

[Adam Berent](#)

[Albert Bertilsson](#)

Date Edited

Jul 6, 2010

Jun 6, 2017

Page	Date Edited
Alfil	Sep 3, 2015
Balint Pfliegel	Aug 30, 2015
C sharp	Nov 26, 2017
ChessBin.com	Jan 6, 2012
ChessMaps	Dec 7, 2017
Chessmaps Heuristic	Aug 27, 2015
ChessV	Jan 21, 2018
Colossus Chess	Dec 10, 2017
Counter	Nov 13, 2017
Dolphin	Nov 28, 2014
Engines	Mar 10, 2018
Eric Oldre	Jul 3, 2014
Erik Madsen	Apr 13, 2014
Excelsior	Apr 16, 2014
Fafis	May 17, 2016
FUSCsharp	Jun 7, 2013
Garbochess	Sep 23, 2017
Garbochess-JS	Sep 23, 2017
Gary Linscott	Jan 16, 2018
Generic Programming	Jul 7, 2012
Jabba	Sep 10, 2016
Kieran Greer	Nov 7, 2014
Languages	Nov 26, 2017
Learning	Feb 20, 2018
Linked List	Oct 11, 2016
MadChess	Jul 4, 2017
Marco Belli	Jan 6, 2018
Marco Block-Berlitz	May 26, 2013
Marek Kłonowski	Apr 16, 2014
Neural Networks	Mar 12, 2018
NoraGrace	Nov 23, 2014
Norbert Raimund Leisner	Jul 28, 2016
Oliver Uwira	Apr 5, 2013
Philippe Fabiani	Sep 15, 2016
Portfish	Sep 8, 2016
Pseudorandom number generator	May 11, 2017
Richard Allbert	Feb 7, 2016
RumbleMinze	Apr 13, 2014
Sergei Markoff	Mar 12, 2018
Sharp Chess	Jun 6, 2017
SharpChess	Jun 6, 2017
Sharper	Jun 6, 2017
Sinobyl	Jul 3, 2014
The Turk (TR)	Apr 1, 2017
Vajolet	Jan 25, 2018

Page

[Windows](#)

[Woodpusher](#)

[Yakup Ipek](#)

Date Edited

Nov 2, 2017

Dec 12, 2016

Sep 6, 2015

[Up one Level](#)