### C++ Training

# Resources

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## Online Resources (References, Compilers, ...)

- Working Draft, Standard for Programming Language C++: <a href="http://eel.is/c++draft/">http://eel.is/c++draft/</a>
- C++ Reference: <u>www.cppreference.com</u>
- C++ Core Guidelines: <u>isocpp.github.io/CppCoreGuidelines/CppCoreGuidelines</u>
- C++ Default Guidelines: https://github.com/janwilmans/guidelines/blob/main/README.md
- Stackoverflow: www.stackoverflow.com
- Compiler Explorer: <u>www.godbolt.org</u>
- Quick-Bench: <u>www.quick-bench.com</u>
- C++ Insights: <u>www.cppinsights.io</u>
- Build-Bench: www.build-bench.com
- C++ Shell: cpp.sh
- Wandbox: wandbox.org
- repl.it: repl.it
- Intel Intrinsics Guide: <a href="mailto:software.intel.com/sites/landingpage/IntrinsicsGuide">software.intel.com/sites/landingpage/IntrinsicsGuide</a>
- x86/x64 SIMD Instruction List: <a href="https://www.officedaytime.com/simd512e/">https://www.officedaytime.com/simd512e/</a>
- More C++ Idioms: <a href="https://en.wikibooks.org/wiki/More\_C%2B%2B\_Idioms">https://en.wikibooks.org/wiki/More\_C%2B%2B\_Idioms</a>
- C++ Bestiary: <a href="http://videocortex.io/2017/Bestiary/">http://videocortex.io/2017/Bestiary/</a>

#### 2. Basic Design Principles

### Online C++ Practicing

- HackerRank: <a href="http://hackerrank.com">http://hackerrank.com</a>
- Leetcode: <a href="https://leetcode.com">https://leetcode.com</a>
- Codewars: <a href="https://www.codewars.com">https://www.codewars.com</a>
- CodeKata: <a href="http://codekata.com">http://codekata.com</a>
- CodinGame: <a href="https://www.codingame.com/start/">https://www.codingame.com/start/</a>
- Advent of Code: <a href="https://adventofcode.com/">https://adventofcode.com/</a>

#### 2. Basic Design Principles

## C++ Blogs

- C++ Weekly: <a href="https://www.youtube.com/results?search\_query=c+++weekly">https://www.youtube.com/results?search\_query=c+++weekly</a>
- Arthur O'Dwyer's blog: <a href="https://quuxplusone.github.io/blog">https://quuxplusone.github.io/blog</a>
- Jonathan Müller's blog: <a href="https://www.foonathan.net">https://www.foonathan.net</a>
- Bartlomiej Filipek's blog: <a href="https://www.cppstories.com">https://www.cppstories.com</a>
- Raymond Chen's blog: <a href="https://devblogs.microsoft.com/oldnewthing">https://devblogs.microsoft.com/oldnewthing</a>
- Jonathan Bocarra's blog: <a href="https://www.fluentcpp.com">https://www.fluentcpp.com</a>
- Sandor Dargo's blog: <a href="https://www.sandordargo.com/blog">https://www.sandordargo.com/blog</a>
- Scott Wolchok's blog: <a href="https://wolchok.org/posts">https://wolchok.org/posts</a>

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