

CS2

# Lecture 1: Welcome!

Monday, September X, 20xx

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Data Structures

Fall 20xx

My University

Computer Science Department

Lecturer: Chris Gregg



# Today's Topics

- Instructor Introductions
- What is CS2?
  - Goals for the Course
  - Components of CS2
  - Assignments, Grading scale, Due dates, Late days, Sections, Getting Help
  - Is CS2 the right class for you?
- C++
  - Why C++?
  - Our first program
  - Our second program
  - The importance of Data Structures
- Assignment 0



# Chris Gregg

- Career:
- Johns Hopkins University Bachelor's of Science in Electrical and Computer Engineering
- Seven years active duty, U.S. Navy (14+ years reserves)
- Harvard University, Master's of Education
- Seven years teaching high school physics (Brookline, MA and Santa Cruz, CA)
- University of Virginia, Ph.D. in Computer Engineering
- Three years teaching computer science at Tufts University
- Stanford! (arrived, Fall 2016)
- Personal website: <http://ecosimulation.com/chrisgregg>



# Our First Program

```
// hello.cpp

#include<iostream>

int main()
{
    std::cout << "Hello, World!" << std::endl;
    return 0;
}
```



# References and Advanced Reading

- References:
  - First program: [https://rosettacode.org/wiki>Hello\\_world/Text#C.2B.2B](https://rosettacode.org/wiki>Hello_world/Text#C.2B.2B)
  - University image: [https://en.wikipedia.org/wiki/Cornell\\_University](https://en.wikipedia.org/wiki/Cornell_University)
- Advanced Reading:
  - Bjarne Stroustrup, *What inspired you to create C++?* <https://www.youtube.com/watch?v=JBjjnqG0BP8>
  - Recommended C++ tutorials: <https://hackr.io/tutorials/learn-c-plus-plus>

