

did you like **operating systems** (CS 149)?
do you like **organizing large groups** to achieve a goal?
are you a **CS undergrad**?
do you like **working with others**?
do you want to learn how to deal with **failure, change, and
popularity**?

if you said yes to any of these questions, i have a class for
you:

CS 185C DISTRIBUTED SYSTEMS

today's systems are BIG! like 1000 - 100,000 machine big!

we call systems made up of more than 1 machine **distributed
systems**

the way we write code for them is very different than writing
for single systems (even single systems with threads).
companies are having trouble finding engineers that
understand how to build distributed systems.

even after we write our code, our code has to work with other
people's code! it's hard to work with others ;)

details:

- you have to have finished CS 149
- there will be programming assignments
- these assignments will be individual assignments, but part of grading will be to see if your code can work with those of your classmates.
- we will be using an RPC library (probably gRPC) to do the network communication
- we will cover how to build applications that cope with failures, scale, and geographic access
- there will be cake at the end