

Roll/Names

This class in a nutshell:



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Slide from @pikruse6 Data Science grad class.

Prof poking fun at CS.

Sorting and trees are basically my life's work.

Data Structures and Algorithms

- Multi-course CS topic
- CS talk endlessly about sorting algorithms
- Also obsessed with trees for some reason

Expectations

- Attend class and be engaged.
- Bring a laptop and/or a **notebook** to class, used for:
- **Taking notes** and working problems.
- Writing code.
- Read the textbook.
- DO YOUR OWN WORK.
- 300-level class
- the focus is on efficiency, not just getting code to properly function.
- workload is commensurate with a 300-level class.
- Start early on the HW.
- Be sure to cite any sources you use in completing your work.
- Generally you choose your “compiled” language (Python, Java, or C++) to use.
- Usually will have lab-time each class period, involving writing code or solving written problems, so... **BRING LAPTOPS** each class.
- I am generally pretty helpful (*give away answers?*) if asked.
- The responsibility for keeping track of deadlines and due dates is the student's.

Getting to know you.

Academic Integrity exercise.

At the beginning of next class, demo “Hello, world.” in Java and Python.

You may find the website <https://www.tutorialspoint.com/codingground.htm> helpful, it has a wide variety of compilers available. If you don't sign up, you can save your source code locally and copy&paste it when you return to the website.

HW 00x