Operating System

➡ In a nutshell, an OS manages hardware and runs programs

- creates and manages processes

- manages access to the memory (including RAM and I/O)

- manages files and directories of the filesystem on disk(s)

- enforces protection mechanisms for reliability and security

- enables inter-process communication

Acknowledgments

Some of the course materials and projects are from

- Ryan Huang - teaching CS 318 at *John Hopkins University*

- David Mazière - teaching CS 140 at *Stanford*