Operating Systems

-CPU management
-Device management
-Memory allocation
-Process scheduling

CSE 330: Operating Systems
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denise

memory - RAM or without

Canada - none

cpu - single cache

software (OS) specs
Types of Operating Systems

- Desktop
- Server
  - Batch
  - Cluster
- Embedded
- Real Time
Memory partition

\[ S + S \]

Up arrow

Write only

Add access method

Ap
CPU mode (or rings)

User mode

Kernel mode

Set of processes

Set of users

Process mode

User mode

CPU mode
a, i.e., that to conduct CPX Thus in this of device to counsel does irrespective in many and much especially
INT → jump to int handler routine

@ end of int handler

RTI + instruction

return from interrupt

\[ \text{pop value from stack} \& \text{ put into PC} \]
PC 2 Initialize each array of "flags"

int flags[n][n], ps

look at ps from

look at ps from

push ps to stack

push PC to stack

init a happening
At 1 \leftarrow \text{pop stack} \leftarrow \text{ps}

\text{mode} = 0