

HPC

From a Student Perspective

Yuanqi (Becky) Jing Cathleen Li

What we will cover

01 What is Supercomputing



Internship Experience



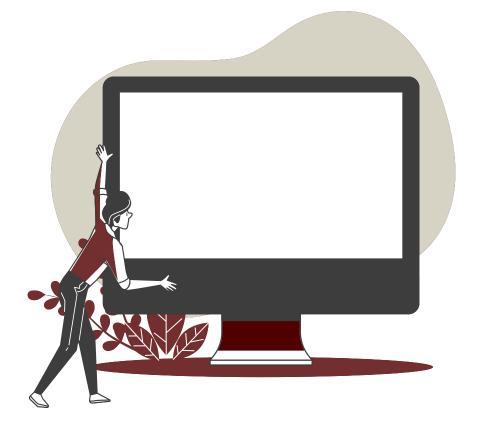
Supercomputing in our Futures

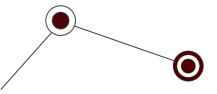


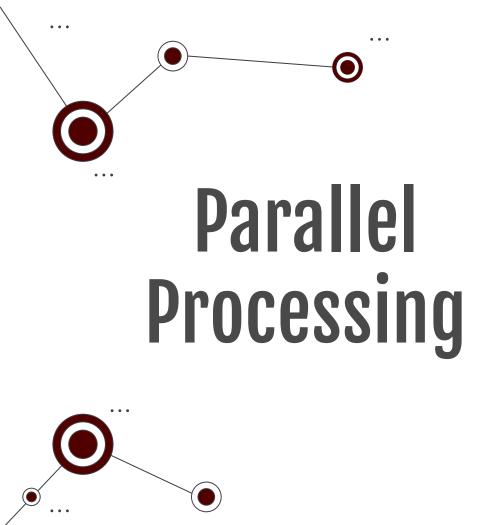
Importance of HPC



What is Supercomputing



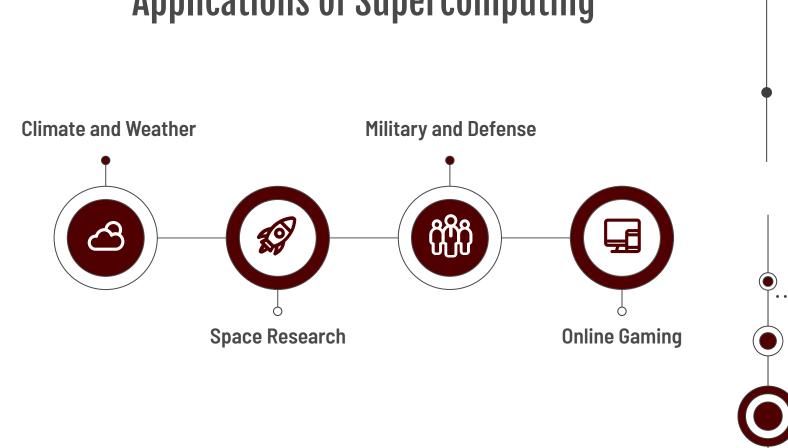


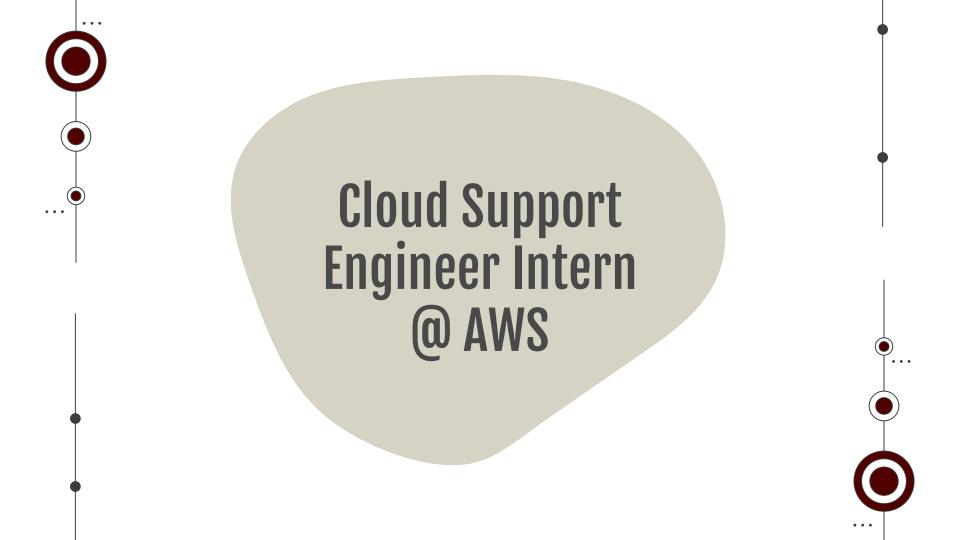




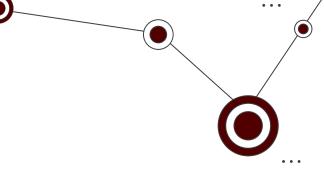


Applications of Supercomputing















EC2

Elastic Fabric Adaptor

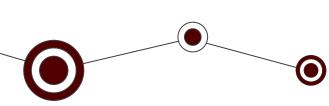




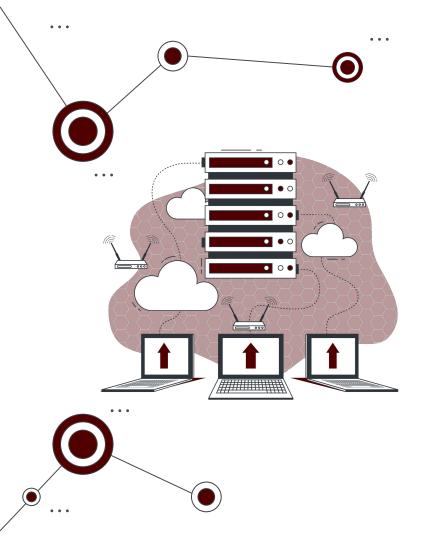


AWS Batch





Amazon FSx for Lustre



EC2 - Elastic Cloud Compute



Host WordPress Blog



Load Balance



Troubleshoot the environment



Configure security groups





Importance of HPC

Low Cost

Innovation

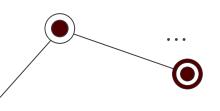
High Speed

Opportunity

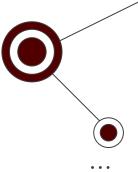








Area of Innovation





Health Care



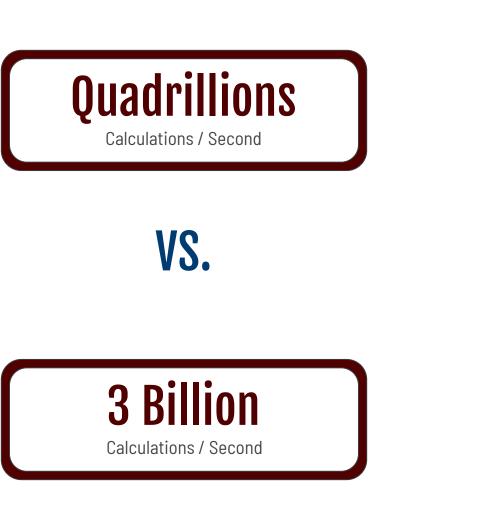
Urban Planning



Engineering



Finance & Business

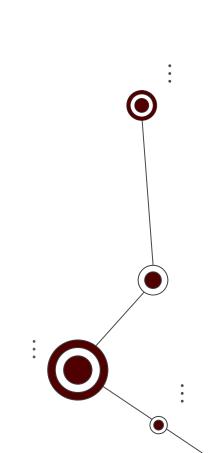


Opportunities

- ★ Expand the skill set
- ★ Hands-on experience
- ★ Additional research opportunities
- ★ Interaction with the cutting edge technology







Thanks!

