## TCSS 343 - Week 7

Jake McKenzie

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**Graph Algorithms** 

"If youve never missed a flight, youre spending too much time in airports."

Umesh Vazirani

"Programming has things called "threads" and things called "strings" and they somehow have fuck all to do with each other."

Ramsey Nasser

"We grow in direct proportion to the amount of chaos we can sustain and dissipate."  $\,$ 

Ilya Prigogine

13. If  $P \neq NP$  then every problem in NP requires exponential time.

15. If problem  $\psi$  is NP-hard and  $\sigma\leqslant\psi$  then  $\sigma$  is NP-hard.

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