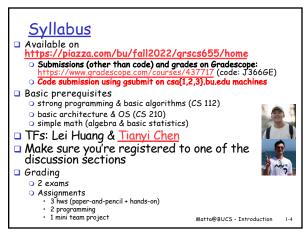
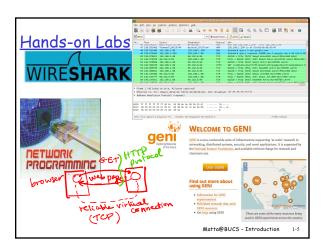


	OCCUPATION	JOB SUMMARY	ENTRY-LEVEL EDUCATION 🥹 💠	2021 MEDIAN PAY 9
	Computer Network Architects	Computer network architects design and build data communication networks, including local area networks (LANs), wide area networks (WANs), and Intranets.	Bachelor's degree	\$120,520
-		Network and computer systems administrators are		
	Network and Computer Systems Administrators	responsible for the day-to-day operation of computer networks.	Bachelor's degree	\$80,600
	Computer Systems Analysts	Computer systems analysts study an organization's current computer systems and design ways to improve efficiency.	Bachelor's degree	\$99,270
A.C.	Computer and Information Research Scientists	Computer and information research scientists design innovative uses for new and existing computing technology.	Master's degree	\$131,490
htti	o://www.bls.gov/o	oh/computer-and-informatio	n-technology/	







Expectations

- □ This class **IS** about...
 - Concepts, Principles, and Protocols
 - General-Purpose Computer Networks
 - Internet Perspective
 - Network Software
 - Designing, Building, and Evaluating a System
- ☐ This class **IS NOT** about...
 - Specialized networks (e.g., CATV, telephone)
 - ISO/OSI Perspective
 - Network Hardware
 - Advanced Theoretical Analysis

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Why Build a Computer Network? Printer Printer

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Why Build a Computer Network?

- □ To support distributed applications (e.g., FTP, WWW, ...)
- □ Most functionality in software
- □ General-purpose computers
- □ New functionality easily added ``inside'' the network (e.g., CDN=Content Distribution Net)
- □ Computers are increasingly faster

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