





Tell us about yourselves

WHAT ROLE DO YOU HAVE?

- Advisor
- Counsellor
- Educator
- Facilitator
- Administrator

WHY ARE YOUR CLIENTS INTERESTED IN COMPUTERS?

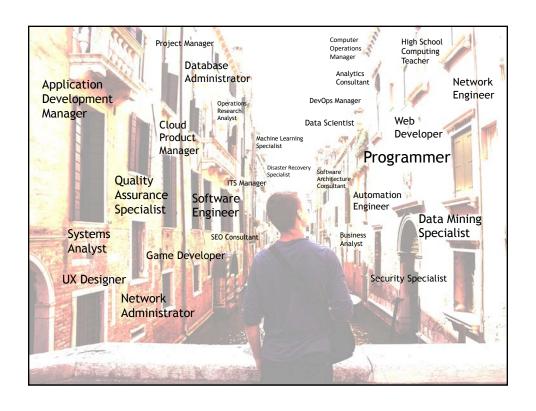
- Employment prospects
- Interesting work
- Mobility prospects
- High pay
- Cultural coolness



COMPUTING

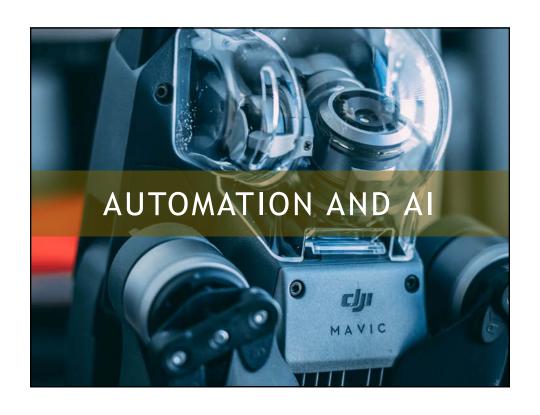
If you have a client who is interested in a career in computing, what kinds of programs and jobs do you think of?

FIRST WORDS THAT COME TO MIND?

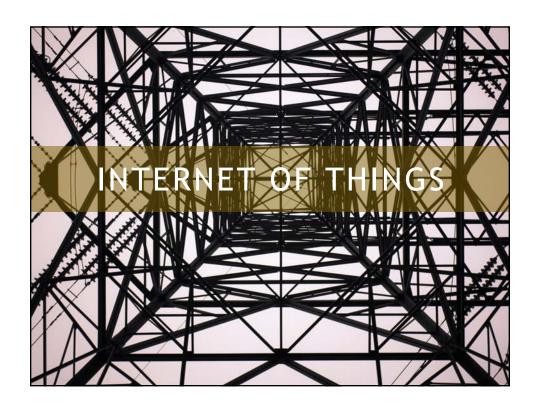








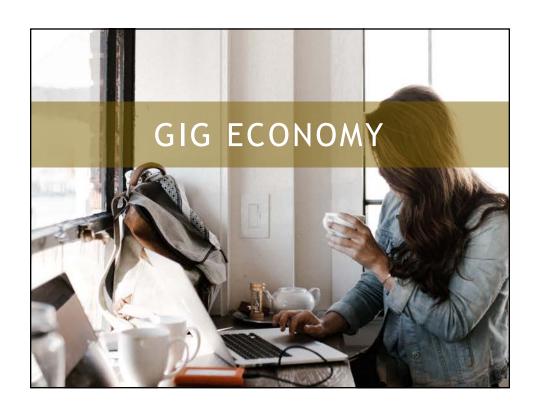


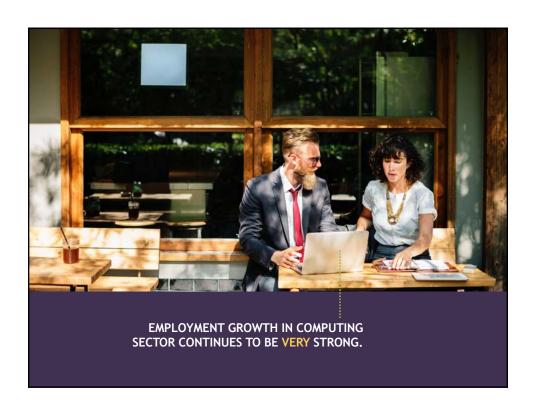


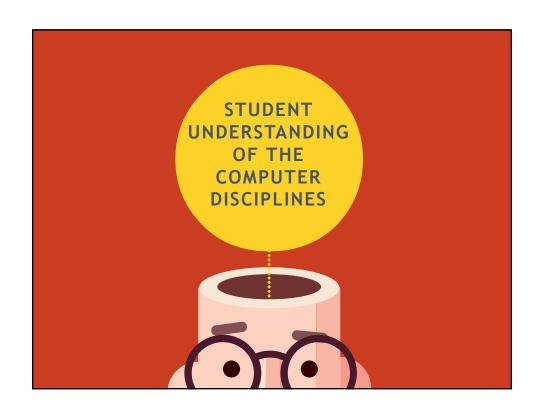


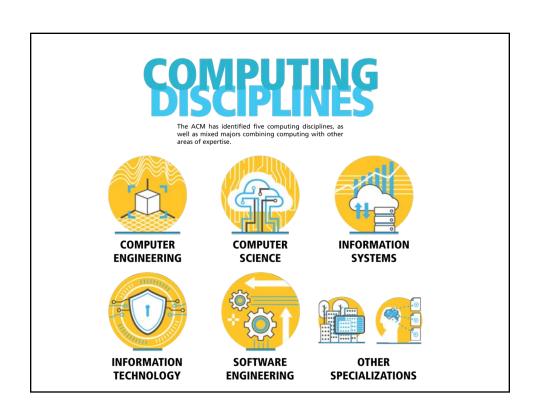




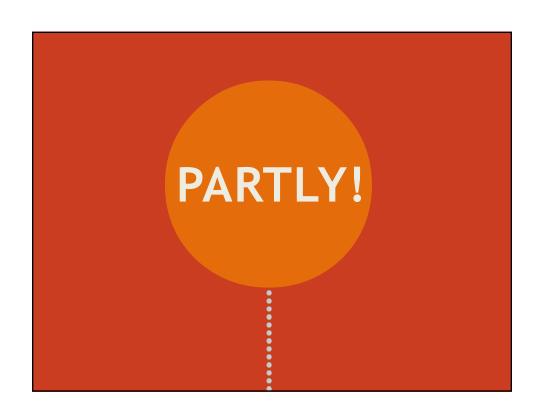


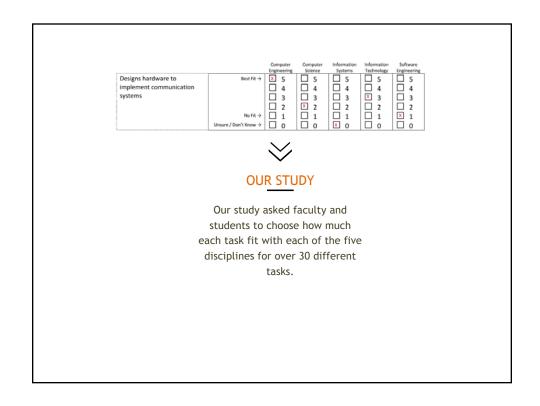


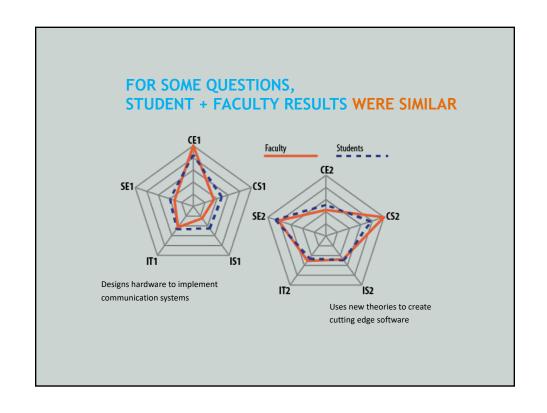


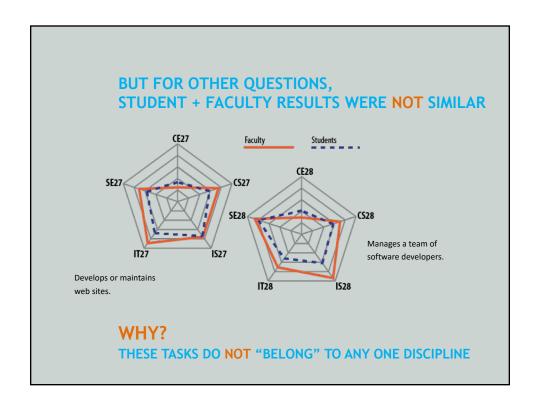


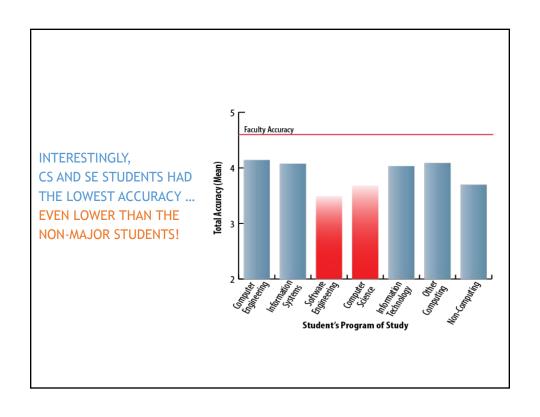






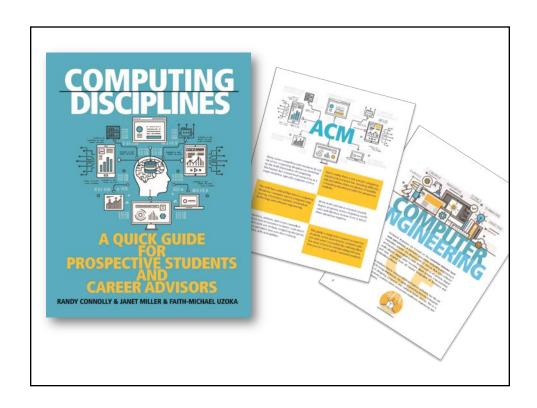


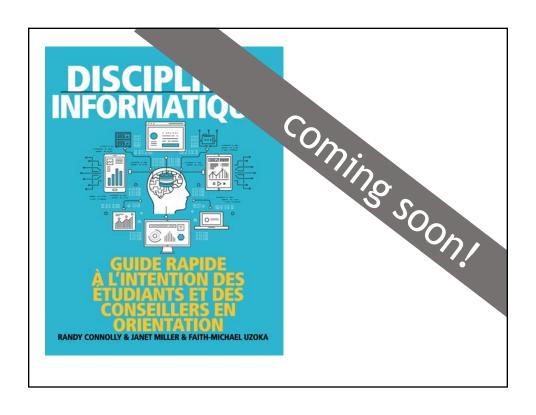






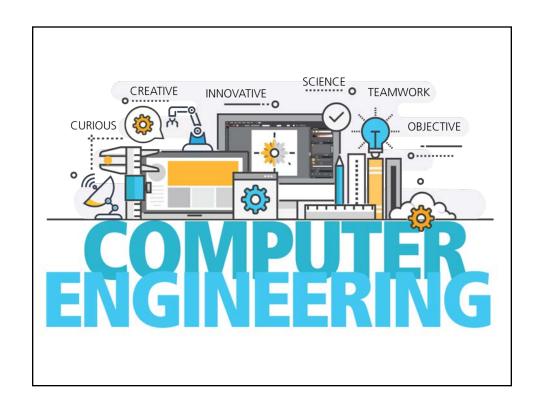


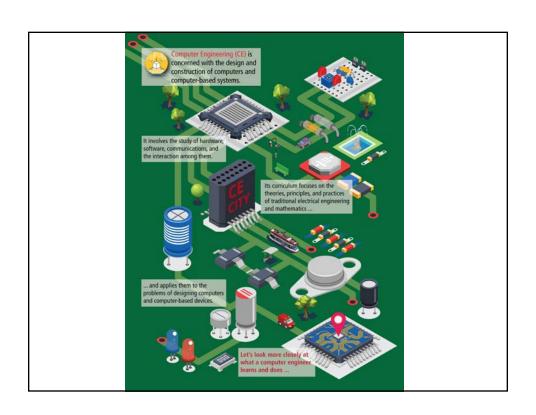




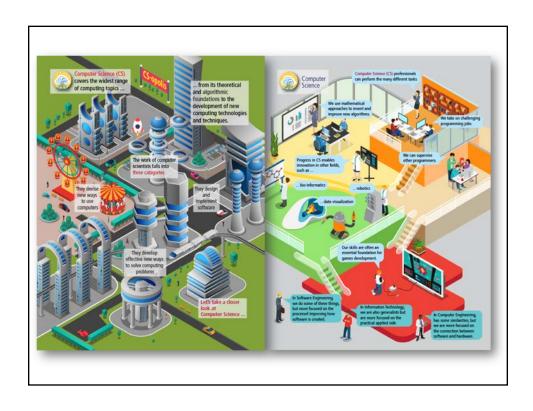




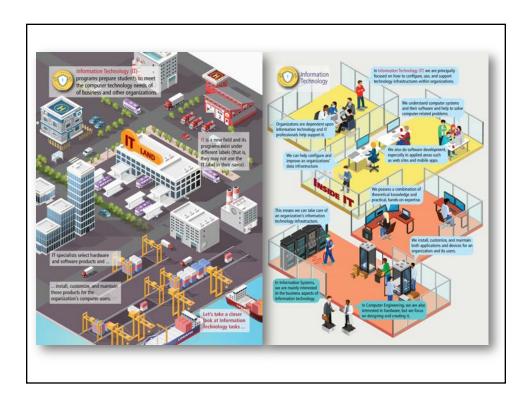


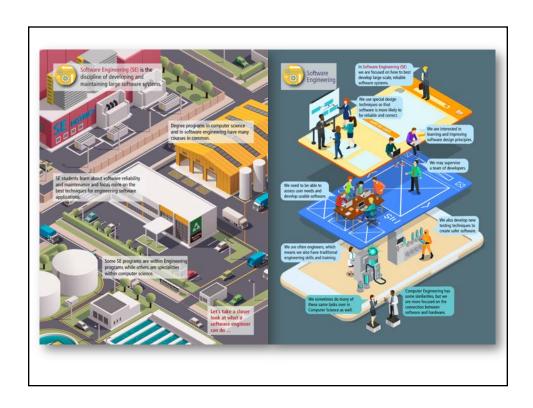


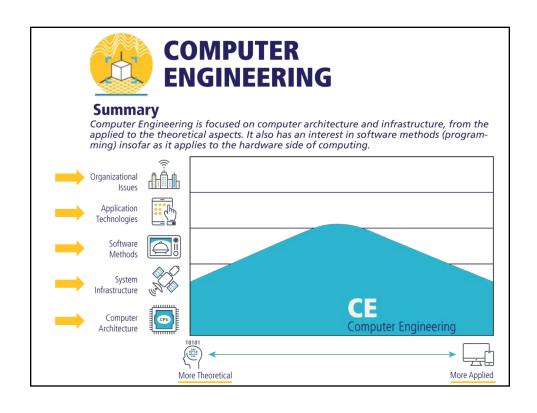


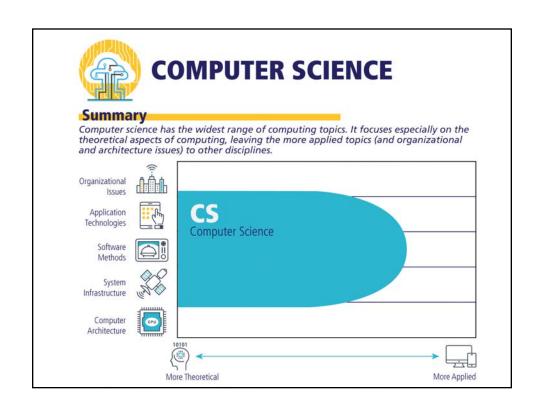


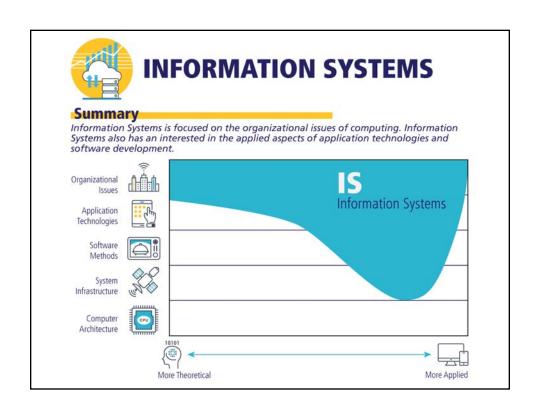


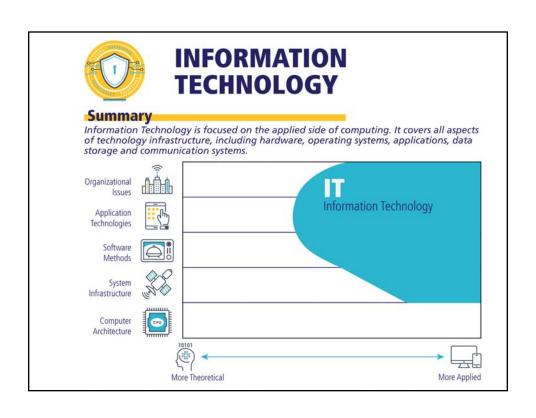


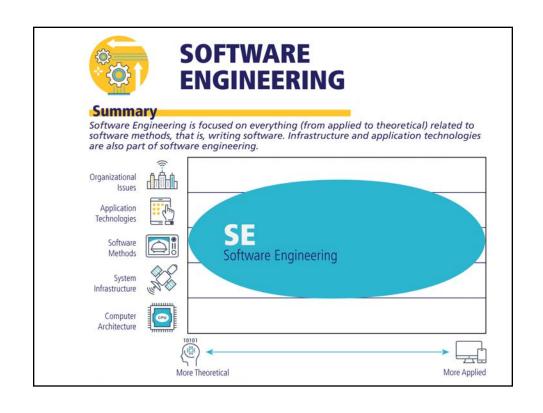


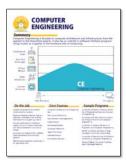












On the Job

Designs hardware to implement communication systems.

Develops hardware devices that are software-controlled, such as iPods, smart phones and gaming devices.

Focuses exclusively on hardware design, including digital electronics, with less involvement in software design.

Evaluates and improves the usability (user experience) of computing systems.

Take existing equipment and adapt it for specialized use.

Core Courses

Computer Architecture and Organization

Circuits and Electronics

Data Structure and Algorithms

Digital Design

Embedded Systems

Computer Networks

Signal Processing

Software Design

Information Security

Sample Programs

University of Western Ontario, Bachelor of Engineering Science in Computer Engineering

University of British Columbia, Bachelor of Applied Science in Computer Engineering

University of Alberta, Bachelor of Engineering in Computer Engineering

McGill University, Bachelor of Engineering in Computer Engineering

University of New Brunswick, Bachelor of Science in Computer Engineering

Seneca College, Computer Engineering Technology Diploma

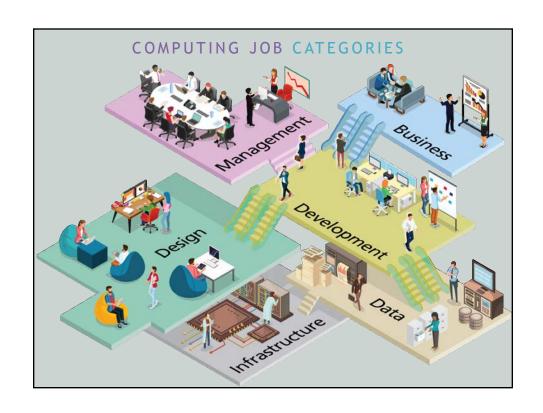
THESE ACM DISCIPLINES
ARE PATHWAYS TO JOBS...

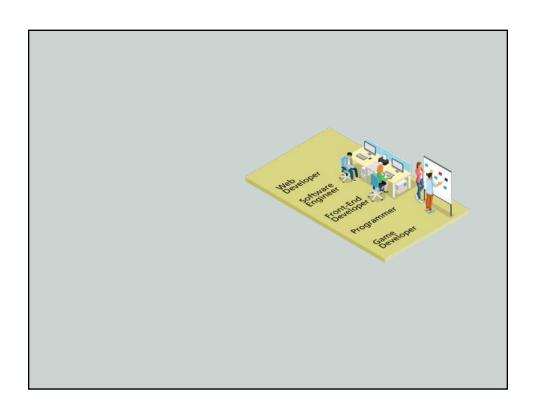
BUT SOME DESTINATIONS (JOBS) HAVE MULTIPLE PATHS LEADING TO THEM.

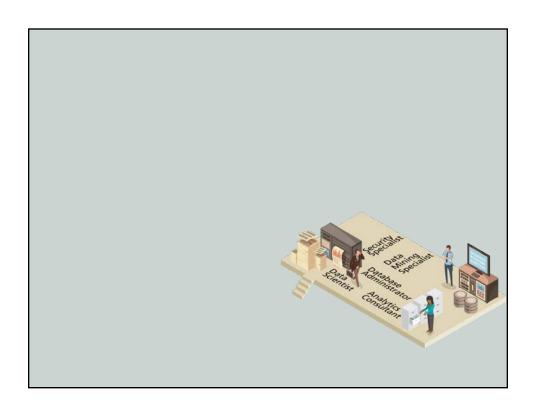


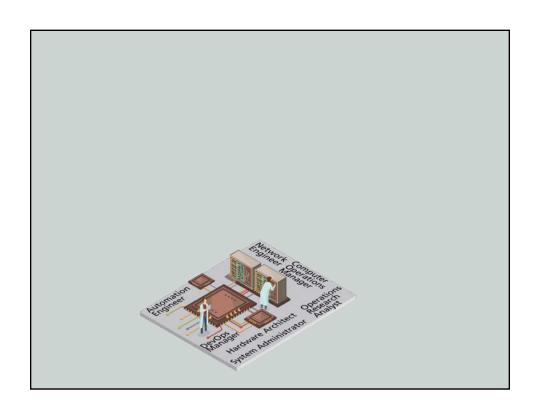


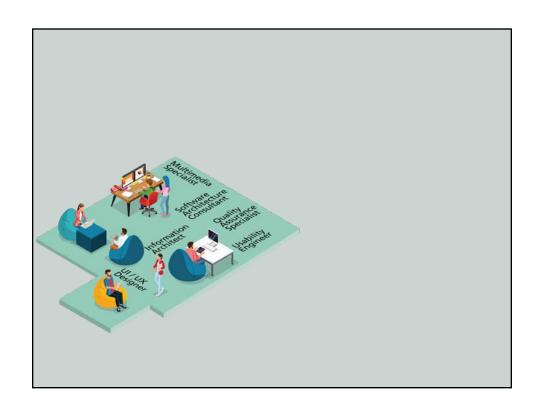


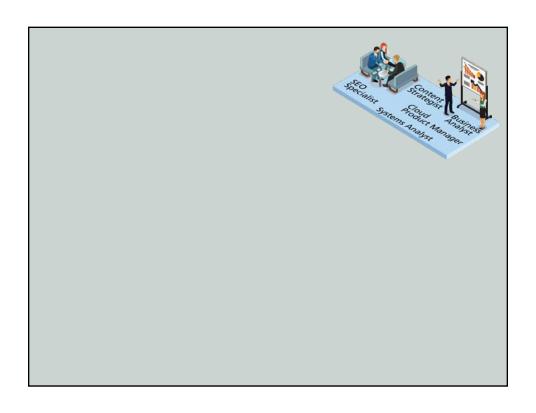


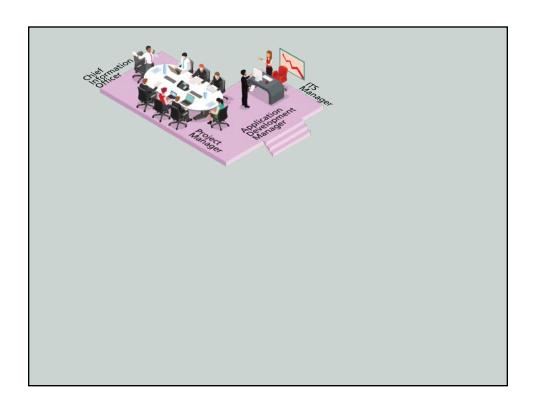




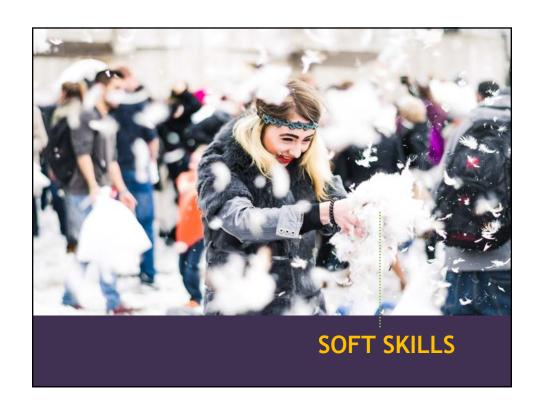






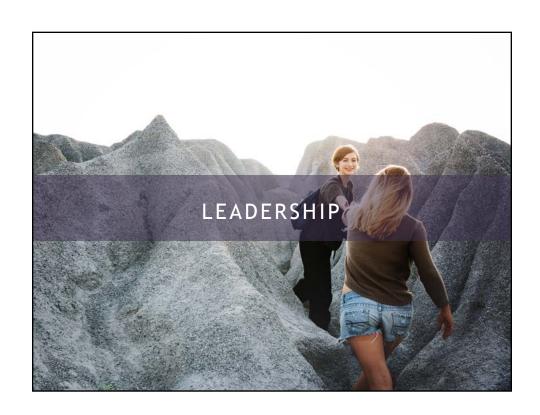


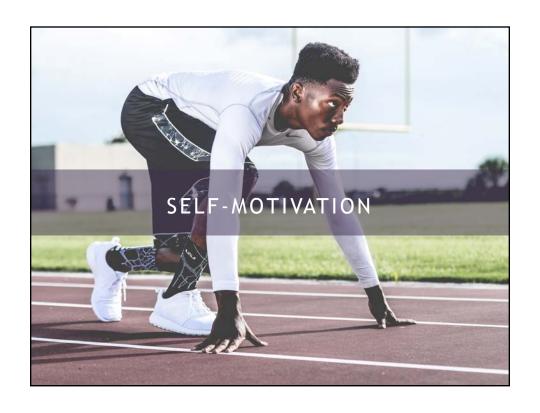


















Final poll

DO YOU FEEL MORE CONFIDENT ADVISING ABOUT COMPUTING?

- · No way, still too confusing
- · Not quite, but this will help
- Undecided
- · Yes, this has helped
- · Already was pretty confident



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