Masters with Specialization in Multimedia (MM) Program

MRC — Multimedia Research Centre

University of Alberta

www.mmgrad.org
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VR Artwork

Human computer interaction
Human Computer interaction using sensors
Image/video analysis for gesture-based commands

Robotic navigation & object recognition

Image, video and signal analytics

VR: Real-time transmission of point cloud & motion
Healthcare, medicine & Rehabilitation

Multimedia conference paper presentation 2018, France

Multimedia R&D helps businesses to set more ambitious goals
by deploying the latest technological advances.

The Multimedia Program aims to:
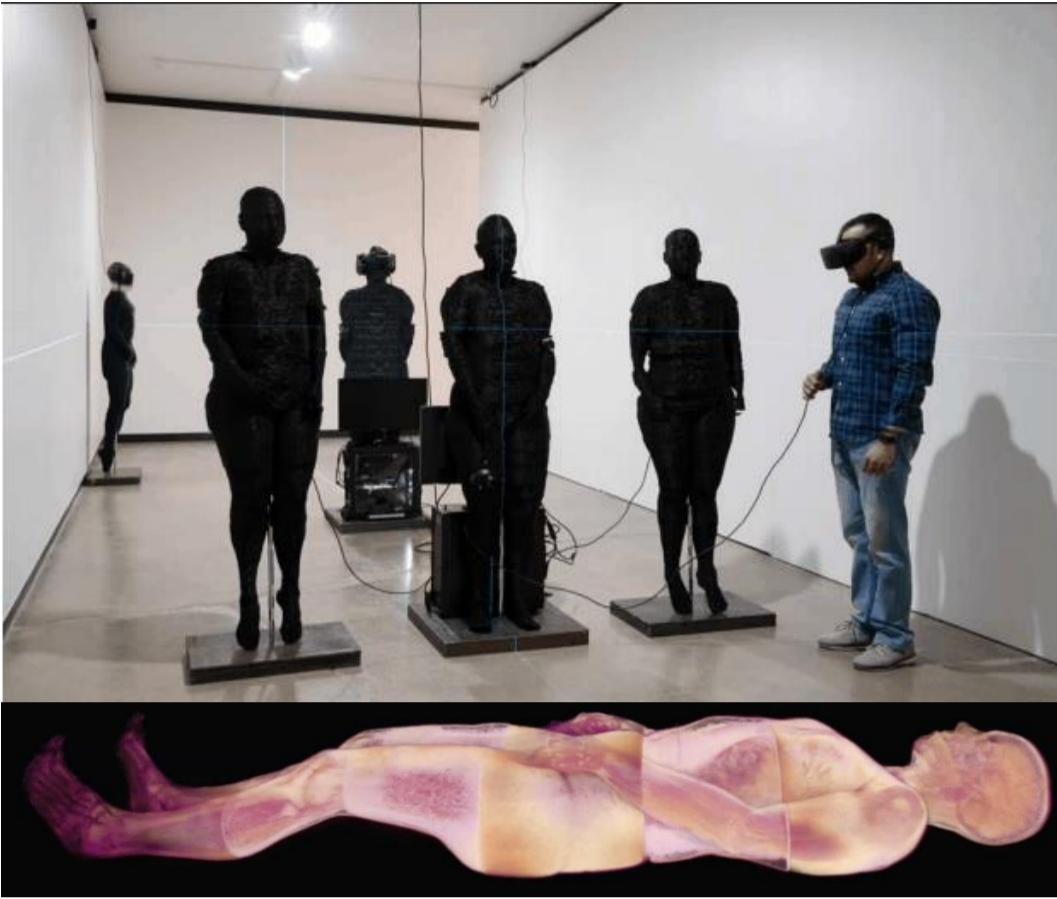### Connect Industry with Talents & IT Resources

- Companies can define course projects to challenge the students' talents and capacities.
- Companies can select promising project outcome and offer 8-month internships to students. Funded programs, e.g. MITACS Accelerate and GSIP, can be considered.
- Companies can recruit outstanding interns as employees.

Discover Talents:

- Students are able to discover individual potentials and interests, while working on the diverse multimedia topics covering both theories and hands-on applications during the Program.
- Students can enhance their skills and knowledge, and explore industrial careers, or PhD studies after graduation.
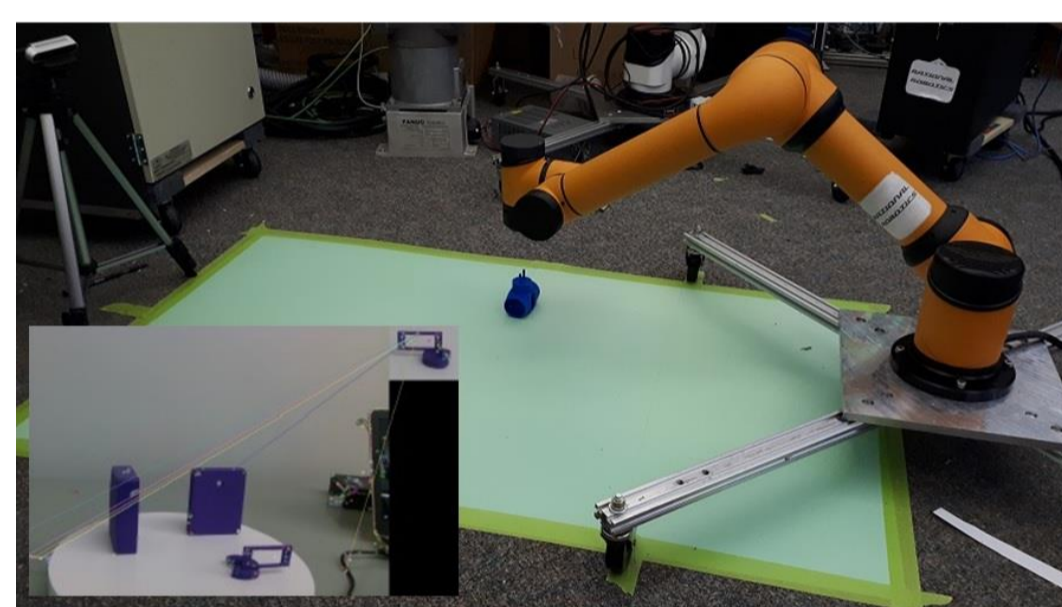
The "Multimedia" domain covers
- virtual and augmented reality,
- human computer interaction (HCI),
- motion/signal analytics,
- pattern classification,
- web/mobile applications,
- image/video processing,
- computer vision & machine learning,
- data science,
- mobile communications,
- AI and more ….

The growing data complexity, dimensionality and modality has made multimedia R&D **challenging but rewarding.**
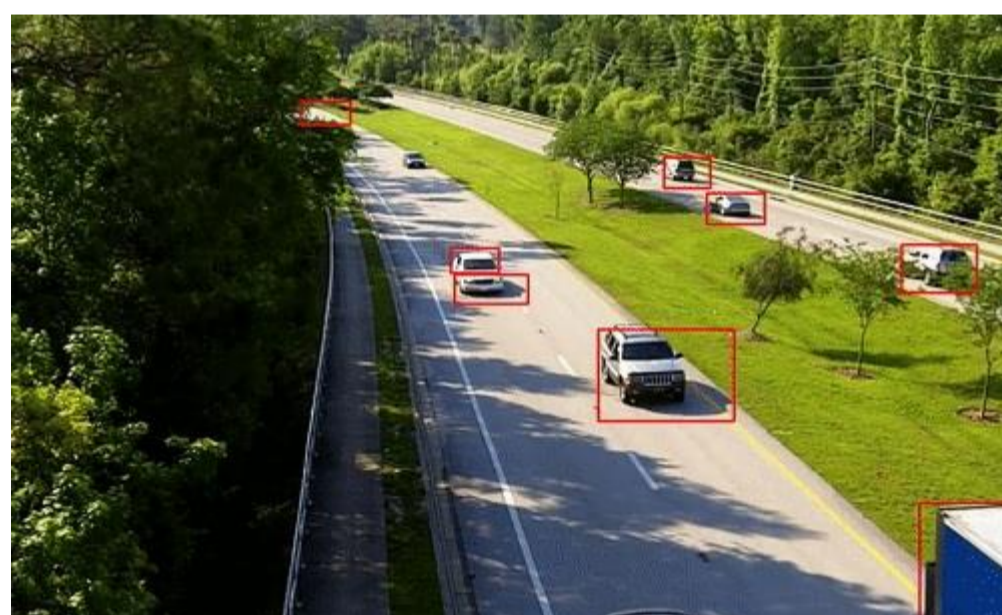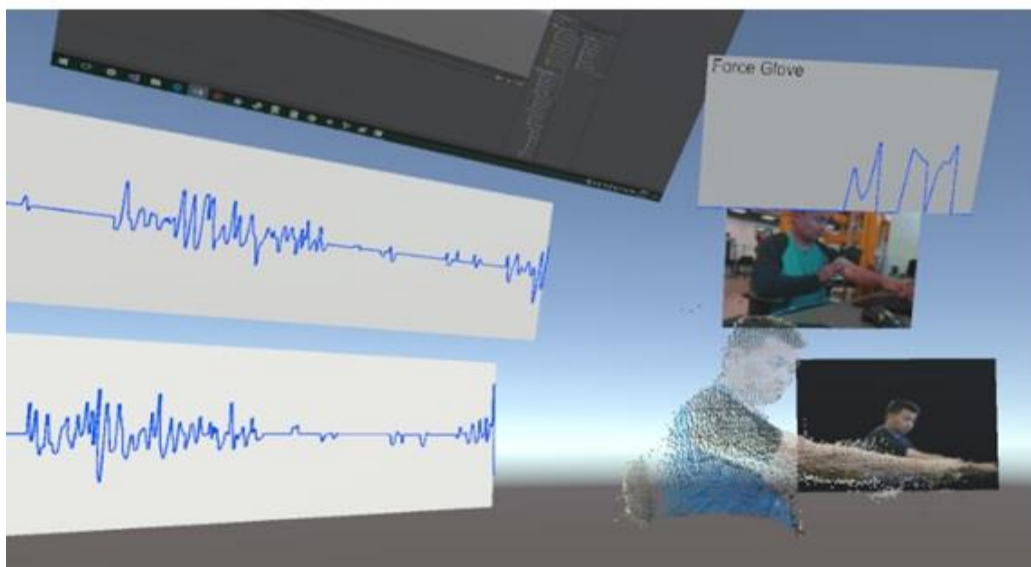
Research Tour

Surgical Simulation Research Lab.

Multimedia & Society

Open Data Mining App Project
City of Edmonton Open Science Session