

Multimedia Systems

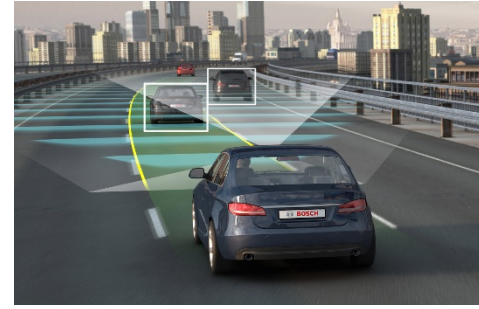
CSC 8980



Virtual Reality



Video Streaming



Autonomous Vehicles



Augmented Reality



Cloud Gaming



Video Conferencing

- Multimedia Compression: image/video coding, JPEG, H.264
- Multimedia Analysis: object detection, visual information retrieval
- Multimedia OS: CPU/GPU, resource allocation, real-time operation
- Multimedia Networking: TCP/UDP streaming, media quality adaptation, media scheduling, buffer
- Multimedia Interaction: voice control, visual display, headset, glasses
- Multimedia Applications: all the above awesome systems!
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CSC 8980 Topics in Computer Science (Multimedia Systems)

F 9:00am – 12:25pm
Fall 2017 : 8/21 – 12/12
ALC 203
CRN: 91284

Prerequisites: CSc 4220,
Computer Networks or
Consent of Instructor