Some students comments from 2013/14 (the CS4053 course).

"Very good, easily one of the best courses I've ever had during my undergrad degree."
"Perfect combination of lectures/tutorials and assignments. You actually give assignments that are related to what we learn. My favourite module by miles."
"Very interesting, well grounded in real world applications."
"A great module. Well taught & fascinating."
"Very good. Best 4th year course."

Some students comments from 2012/13 (the combined CS4053/CS4D4A/CS7008 course).

"Lectures were Engaging. Material is very interesting. Notes were provided online, in full, at beginning of term."
"Lecturer always wanted to make sure the information was understood."
"I didn't know much about computer vision before but this module has really sparked my interest in it and I would like to pursue it further."
"The detailed notes provided along with the lecture slides are very useful and I wish more modules offered this approach."
"The lecturer was very good at applying the material into real life situations, which made it much easier to learn."

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Some students comments from 2011/12 (combined CS4053/CS4D4A/CS7008 course).

"Probably the best prepared and presented course I've taken in 4 years in College."
"Very interesting and relevant topics. Enjoyable course."
"Really interesting in thinking about the ideas and how they applies to real world problems."

Computer Vision

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Vision in industry

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Vision finding landmines

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Vision in the Movies

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Playing games with vision

1. Kinect (rear)
   - Reflected IR light
   - Projected IR light

2. Xbox
   - Colour camera
   - IR projector
   - IR camera
   - Microphone (underneath)
   - Three microphones (underneath)
Vision on your phone
Vision augments reality
Vision allows robots to walk among us?

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Course Presentation

- Problem based learning
- Based on a single text as much as possible.
- Slides provided in electronic form.
- Course assignments to reinforce concepts.
  - Hands-on experience of computer vision operations.
  - Hands-on experience of coding computer vision operations.
- Application of techniques worked on in group tutorials.
Take Computer Vision next year!!

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