UW BroadCasting Club - Meeting #1

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What is this club about?

- A club to teach you
    - how to do record videos (online/offline) from your computer and the respective tools
    - how to record using a webcam and with a microphone
    - how to interact with audiences for an entertaining video
- Weekly lecture styled presentations (1 hour) followed by discussions/collaborations/hands-on activities

Digital Broadcasting

Survey

- Who are you?
- Do you use any broadcasting software (e.g., obs, split)?
- Do you own a channel yourself?
- Why did you join this club?

What does the industry use?

- OBS, xsplit for live and local broadcasts
- Lightworks (free for 720p exporting)
- Blue yeti, AT2020USB
- Logitech c920
- Elgato HD60 Pro, SC-512N1-L/DVI

YouTube CA

sony 4k action cam

Upload

Action Cam | “Holidays in 4K” with Tony Hawk | Sony

Sony | Action Cam

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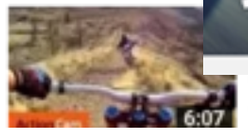
Published on 5 Jan 2015

Tony Hawk tests out the brand new 4K Action Cam FDR-X1000V on his holiday adventures. Follow Team Action Cam's Tony Hawk on

Up next



Sony | Action Cam
396,992 views

What do you see?

https://www.youtube.com/watch?v=WBgwuFM92i4

Why Digital Broadcasts?

- Video is an increasingly popular medium for content delivery and interactions
- Computers are getting more powerful for x264 encoding
- Esports has grown significantly since 2010

Issues in Broadcasting

- Hardware failure (webcam, microphone, capture card, overheating)
- Software (volume, overlay, privacy, security, network, high CPU usage, DDOS)
- Audience (spammers, donations)
- Content (copyright infringement)

In This Club

- Learn about
  - Broadcasting Software (OBS/split)
  - Hardware (capture cards, cameras, QuickSync)
  - Audio (microphones)
  - Security (DDOS prevention, privacy)
  - Two PC Streaming Setup
  - Audience Interaction
  - Writing IRC Bots

What is Video Compression?

- http://stackoverflow.com/questions/16233626/where-i-can-get-video-encoding-cookbook-pdf-tutorial