Art in Digital Culture... Threat or Opportunity

Irfan Essa
School of Interactive Computing
GVU & RIM @ GT Centers
Georgia Tech

http://prof.irfanessa.com
Computational Photography
Computational Photography
Computational Photography

[Images of cameras and camera parts]
Art of Photography

- Capture the light,
- Capture the moment,
- Be expressive
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Photographer + Darkroom

Light

Camera

Subject
Art of Photography

- Capture the light,
- Capture the moment,
- Be expressive

Photographer + Darkroom

Light

Camera

Subject

Audience

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Friday, September 21, 12
Art of Photography

- Capture the light,
- Capture the moment,
- Be expressive
Workflow of Photography: Lights
Workflow of Photography: Lights
Workflow of Photography: Lights

LightStage

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Workflow of Photography: Lights

DMD based Lights

LightStage
Workflow of Photography: Lights

- LightStage
- DMD based Lights
- Kinect Depth Camera
Workflow of Photography: Camera
Workflow of Photography: Camera

2.1 x 2.3 mm
Workflow of Photography: Camera
Workflow of Photography: Camera
Workflow of Photography: Camera

iPhone 5
Eight-megapixel camera?

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The Camera For Education

Bigshot is an educational camera for kids and adults alike. Learn the science. Build the camera. Capture your world.

Watch Video

Bigshot is in prototype phase and not for sale.

http://www.bigshotcamera.org/
Blinks & Buttons (2008)

Sascha Pohflepp
Descriptive Camera (2012)
Matt Richardson
Workflow of Photography:
Photographer
Workflow of Photography: Photographer
Workflow of Photography: Photographer
Photo Journalism

- Kennedy Assassination (Zapruder Tapes)
- Rodney King Beatings in LA
- 9/11 Images
- 7/7 London Bombings
- Virginia Tech
- Michael Richards ...
- “Don’t Taze me Bro”
Photo Journalism

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- “Don’t Taze me Bro”
Workflow of Photography: Digital

Vs.
Workflow of Photography: Digital
Photography Workflow: Sharing
Photography Workflow: Sharing

Print vs Display
Photography Workflow: Sharing

Print vs Display

Physical vs Online

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Photography Workflow: Sharing

Print vs Display

Physical vs Online

Crowd Sourced vs Curated

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Computational Photography

Irfan Essa

Learn about the basics of how computation has impacted the entire workflow of photography, from how images are captured, manipulated and collaborated on and shared.

Next session: Jan 28th 2013 (8 weeks long)
Workload: 5-7 hours/week

Information, Technology, and Design
Computer Science: Artificial Intelligence, Robotics, Vision

https://www.coursera.org/course/compphoto
Art in Digital Culture... Threat or Opportunity

A Bit of Both!

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