

Department of Computer Science

CS57100: Artificial Intelligence Ethics and AI

Prof. Chris Clifton 14 November 2022



ndiana

Center for

Database

Systems









Dr. Nazneen Rajani

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WHAT STARTS HERE CHANGES THE WORLD

The University of Texas at Austin

Generating Visual Explanation

• *GradCAM* (Selvaraju et al., 2017) is used to generate heat-map explanations.









Ethically Aligned Design A Vision for Prioritizing Human Well-being with Autonomous and Intelligent Systems



Version 2

- Launched December 2017 as a Request for Input
- Created by over 250 Global A/IS & Ethics professionals, in a bottom up, transparent, open and increasingly globally inclusive process
- Incorporates over 200 pages of feedback from public RFI and new Working Groups from China, Japan, Korea and more
- Thirteen Committees / Sections
- Contains over one hundred twenty key Issues and Candidate Recommendations

https://ethicsinaction.ieee.org/

IEEE STANDARDS ASSOCIATION



IEEE







Department of Computer Science

Outline

- Use Cases
 - Autonomous weapons
 - Impact on people
- Limits of Al
 - Safety
- Decisions
 - Trolley problem
 - Discrimination

- Privacy
- Trust/Transparency
- Rights of AI
 - Legal personhood?
 - Intellectual Property?
- Ethical Reasoning
 History









