**Collaboration Discussion 1**

**Initial Post**

59 days ago

**Malicious Input to Content filters**

The U.S children internet protection Act (CIPA) mandate that public schools and libraries employ mechanisms to block inappropriate matters protect minors this supported by principle 1.1 protection due to wellbeing of others and environment. Blocker plus software is automated internet content filter to help the institution comply with CIPA this in line with principle 2.3 which include

         -develop your profession (knowledge, skill and competence)

         -maintaining awareness on recent technology

Due to the challenge of continually updating the blacklist, the makers of blocker plus have begun to explore machine learning technics to automate the identification of inappropriate content without consultations of both the institution and the users this total violet principle 2.5 to respect and value alternative viewpoints, accept and offer honest critics of work this include brief information about scope and limitations of the services. Additional it denies principle 2.5 that extraordinary care is required when deploying machine learning systems. During a recent review session, the development team reviewed a number of recent complaints about content being blocked inappropriately so principle 2.8 declares that this insufficient justifications for this misuse. Based on the above scenario there is strong and weak side of using blocker plus software for the institution from ethical and professional perspective.

ACM (2018) ACM Code of Ethics and Professional Conduct. Available from: [**https://www.acm.org/code-of-ethics#h-2.3-know-and-respect-existing-rules-pertaining-to-professional-work**](https://www.acm.org/code-of-ethics#h-2.3-know-and-respect-existing-rules-pertaining-to-professional-work) [Accessed 10 February  2022].

ACM (N.D.) Case: Malicious Inputs to Content Filters. Available from: [**https://ethics.acm.org/code-of-ethics/using-the-code/case-malicious-inputs-to-content-filters/**](https://ethics.acm.org/code-of-ethics/using-the-code/case-malicious-inputs-to-content-filters/) [Accessed 12 February 2022].

BCS (2021) Code of Conduct for BCS Members. Available from: [**https://www.bcs.org/media/2211/bcs-code-of-conduct.pdf**](https://www.bcs.org/media/2211/bcs-code-of-conduct.pdf) [Accessed 10 February 2022].

#### Summary Post

59 days ago

This ACM code of ethics and professional, which concerns the quality of life of all people, affirms an obligation of computing professionals, both individually and collectively, to use their skills for the benefit of society, its members, and the environment surrounding them. This obligation includes: Promoting fundamental human rights and protecting each individual’s right to autonomy.

An essential aim of computing professionals is to minimize negative consequences of computing, including threats to health, safety, personal security, and privacy. The Children's Internet Protection Act (CIPA) was to address concerns about children's access to obscene or harmful content over the Internet. Schools subject to CIPA have two additional certification requirements: Their Internet safety policies must include monitoring the online activities of minors; and as required by the Protecting Children in the 21st Century Act, they must provide for educating minors about appropriate online behavior.  Schools and libraries subject to CIPA are required to adopt and implement an Internet safety policy addressing:

Access by minors to inappropriate matter on the Internet; The safety and security of minors when using electronic mail, chat rooms and other forms of direct electronic communications; Unauthorized access, including so-called “hacking,” and other unlawful activities  by minors online;  Unauthorized disclosure, use, and dissemination of personal information regarding minors; and

Measures restricting minors' access to materials harmful to them but this is not blocking appropriate information for minors like the cases of blocker plus system in that specific institution. Additional like blocker plus system should respect Principle 2.5 mandates that extraordinary care is required when deploying machine learning systems and Principle 3.7 emphasizes that the developers of such systems have an added responsibility to provide good stewardship BCS (2021).

References

ACM (2018) ACM Code of Ethics and Professional Conduct. Available from: [**https://www.acm.org/code-of-ethics#h-2.3-know-and-respect-existing-rules-pertaining-to-professional-work**](https://www.acm.org/code-of-ethics#h-2.3-know-and-respect-existing-rules-pertaining-to-professional-work)

BCS (2021) Code of Conduct for BCS Members. Available from: [**https://www.bcs.org/media/2211/bcs-code-of-conduct.pdf**](https://www.bcs.org/media/2211/bcs-code-of-conduct.pdf)

http://www.fcc.gov/consumer-governmental-affairs-bureau