**Unit 2 – Peer responses in the first collaborative discussion**

Hi <STUDENT\_NAME>,

Thank you for your informative and well-referenced post.

I agree with you that, besides the ACM code of ethics (ACM, 2023) and the BSC code of conduct (BSC, 2023), it is crucial to establish a psychologically safe environment for any genders, so that everyone can thrive and contribute to the computing profession. It is morally, ethically, and deontologically correct (Nyarko et al., 2021).

Best wishes,

Marianne

**References**

Association for Computing Machinery (ACM) (2023) ACM Code of Ethics and Professional Conduct. Retrieved from [**https://ethics.acm.org/code-of-ethics/**](https://ethics.acm.org/code-of-ethics/). Accessed on 19 March 2023.

British Computer Society (BSC) (2023) BCS Code of Conduct. Retrieved from [**https://www.bcs.org/membership-and-registrations/become-a-member/bcs-code-of-conduct/**](https://www.bcs.org/membership-and-registrations/become-a-member/bcs-code-of-conduct/). Accessed on 19 March 2023.

Nyarko, J., Goel, S., & Sommers, R. (2021) Breaking taboos in fair machine learning: An experimental study. In *Equity and access in algorithms, mechanisms, and optimization* (pp. 1-11).

**Peer response no. 2**

Hi <STUDENT\_NAME>,

Thank you for your well-researched post, which demonstrates very good critical thinking.

Especially considering Software as a Medical Device (SaMD) approved by the FDA (Webb & Dayal, 2017), it is crucial to ensure that configurations are decoupled, thus being more maintainable and auditable, and not hard coded in the software (Bachmann et al., 2010). Furthermore, there is lack of appropriate secret management, even in more advanced applications leveraging Artificial Intelligence (AI) (Papaioannou et al., 2022). Do you think that going back to these ‘basics’ of Software Engineering before being able to work in SaMD projects involving advanced technologies, such as AI, should be enforced and evaluated from a regulatory standpoint to prevent these issues systematically as much as possible?

Best wishes,

Marianne

**References**

Bachmann, A., Kunde, M., Litz, M., & Schreiber, A. (2010) Advances in generalization and decoupling of software parts in a scientific simulation workflow system.

Papaioannou, M., Karageorgou, M., Mantas, G., Sucasas, V., Essop, I., Rodriguez, J., & Lymberopoulos, D. (2022) A survey on security threats and countermeasures in internet of medical things (IoMT). *Transactions on Emerging Telecommunications Technologies*, *33*(6): e4049.

Webb, T., & Dayal, S. (2017) Building the wall: Addressing cybersecurity risks in medical devices in the USA and Australia. *Computer Law & Security Review*, *33*(4): 559-563.