Responsibility in AI Systems & Experiences (RAISE) at the University of Washington presents:

Dr. Ramya Srinivasan: "Biases in Generative Art"

Friday January 28, 2022, 9-10am PT
Join: https://washington.zoom.us/j/94636255672

Machine learning (ML) technologies are rapidly being integrated into creative arts domains for a variety of tasks such as for analysis of artistic content, for supporting existing artistic practice, and for generating novel art styles. While this progress has opened up new creative avenues, it has also created the opportunity for adverse downstream effects such as cultural appropriation (e.g., cultural misrepresentation, offense, and undervaluing) and representational harm. In this talk, I will illustrate some of the biases in the generative art AI pipeline right from those that can originate due to improper problem formulation to those related to algorithm design. Viewing from the lens of art history, I will discuss the socio-cultural impacts of these biases. Leveraging causal models, I will highlight how current methods fall short in modeling the process of art creation and thus contribute to various types of biases. Towards the end of the talk, I will briefly discuss guidelines for responsible use of art datasets.

Dr. Ramya Srinivasan is an AI researcher in Fujitsu Research of America, wherein she is a member of the AI Ethics Research Center. Ramya's backgrounds is in the areas of computer vision, machine learning, explainable AI and Ai ethics, with her research spanning diverse application areas such as arts, healthcare, and finance.

RAISE is a UW-wide group of students and faculty interested in the broad space of responsible AI, trustworthy machine learning, human-centered computing and data science. As part of this group, our mission is to engage in scholarly, educational, and outreach activities that lead to foundational research in these areas. https://www.raise.uw.edu.

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