Navigating the ethical and legal dimensions of Human-AI co-creativity in Interaction Design

In our rapidly evolving contemporary landscape, characterized by the pervasive influence of technological progress, artificial intelligence (AI) emerges as a significant catalyst driving transformative shifts within society(Serbanescu, 2024; Serbanescu & Nack, 2024). However, amidst its potential lies a veil of uncertainty regarding the ethical and legal responsibilities incumbent upon its creators and users. While numerous ethical guidelines have been promulgated by diverse entities, spanning from corporate entities (IBM, 2019; FLI, 2021; Microsoft, 2022) to governmental bodies (EU, 2023; United Nations, 1948; Wiewiórowski & Wojciech, 2022), a noticeable dearth of commensurate legal frameworks governing the actions of designers within the realm of human-AI co-creativity persists. This contribution seeks to shed light on the ethical aspects surrounding human-AI co-creativity, delving into the theoretical underpinnings through a critical examination of existing literature. By analyzing two case studies—DesignPal (Rezwana & Maher, 2023) and AniThings (Marenko & Van Allen, 2016)— the aim is to elucidate the ethical considerations arising from the collaborative nexus between humans and AI within the creative process. As the dynamics of human-AI co-creativity are scrutinized, pivotal inquiries surface: What ethical implications emerge from the symbiotic relationship between humans and AI in creative endeavors? How should the mantle of responsibility be shared between human designers and AI systems throughout the creative process?

However, the delineation of a designer's accountability in the development of AI systems remains opaque, encompassing not only ethical but also legal dimensions. Thus, this study endeavors to elucidate the extent of a designer's responsibility within the existing scholarly discourse, aiming to clarify the ethical and legal obligations inherent in co-creating with AI support systems. By traversing the blurred boundary between ethical considerations and legal obligations in human-AI co-creativity, this study contributes to a more comprehensive understanding of the complex interplay between technology and ethics, paving the way for informed decision-making and responsible innovation in interaction design.

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