The future of interior design industry in the light of Artificial intelligence spread

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ABSTRACT:

With the spread of artificial intelligence in an unprecedented way especially after the outbreak of covid-19, fear of computer replacing human is constantly increasing, and here comes the important question which is: Will artificial intelligence pose a threat to certain jobs by replacing human beings with computers? Is the interior design industry (with all careers attached to it) one of those threatened industries? The research problem relies on the fact that most of the limited studies available are attempts to predict future jobs in general, but none of them is directed towards accurately analyzing the future of interior design sectors specifically. This research paper aims to evaluate to what extent did artificial intelligence influence the interior design industry overall? Where is it expected to go? And undergo analysis if indeed. Artificial intelligence will have a role in dispensing of human element in various fields related to interior design in one way or another and if so what can be the alternative solutions available for interior designers to be well prepared for future challenges and seize opportunities? The research assumes that the negative impact of AI on the interior design industry is leading to disappearance of several related careers. The evaluation process took place using the analytical-comparative method by analyzing current case studies for AI integration in different interior design sectors in addition to analyzing jobs and careers whose future is already forecasted, and comparing them with other ones of similar or close nature (close task type) in interior design to predict their future as well as forecasting new ones created by AI if found. Several conclusions were reached, the most prominent is the denial of the research hypothesis partially, specifying the most and least affected careers, the ones who will need further skills to keep up with the new requirements, and the ones which will completely appear due to AI, resulting in some recommendations to face future challenges and seize opportunities.

KEYWORDS:

Artificial intelligence; future of interior design industry; interior design future careers.