

# Trustworthy by Design

Author:  [Carol Smith](#) | [Authors Info & Claims](#)

ICSE '24: Proceedings of the IEEE/ACM 46th International Conference on Software Engineering


Article No.: 3, Pages 1 - 4 <https://doi.org/10.1145/3597503.3649400>

Published: 20 May 2024 [Publication History](#)



  
0 28

    Get Access

     25   

## Abstract

The relatively recent public release of generative artificial intelligence (AI) systems has ignited a significant leap in awareness of the capabilities of AI. In parallel, there has been a recognition of AI system limitations and the bias inherent in systems created by humans. Expectations are rising for more trustworthy, human-centered, and responsible software connecting humans to powerful systems that augment their abilities. There are decades of practice designing systems that work with, and for humans, that we can build upon to face the new challenges and opportunities brought by dynamic AI systems.

## References

- [1] J. R. Young, "What happened after this college student's paper was falsely flagged for AI use after using Grammarly.," 04 04 2024. [Online]. Available: <https://www.fastcompany.com/91074029/can-using-grammarly-set-off-ai-detection-software>. [Accessed 25 04 2024].

[Show all references](#)

## Index Terms

### Trustworthy by Design



Computing methodologies



Human-centered computing



Artificial intelligence

## Recommendations

### *Augmenting Intelligence: Ethical Challenges in the Age of AI*

SIGUCCS '24: Proceedings of the 2024 ACM SIGUCCS Annual Conference

New technologies seem to be released at an ever-increasing rate, making us more cognizant of our own limitations and the incredible challenge to keep up. What considerations do we need to make as we review, propose, procure, and integrate...

[Read More](#)

### *Examining the Role of Genuine Emotions for Trustworthy AI*

HAI '23: Proceedings of the 11th International Conference on Human-Agent Interaction

Trust is a fundamental part of interpersonal relationships and due to the rise of AI systems in many domains, we must examine their trustworthiness. While it is possible to rely on AI to perform certain tasks in certain situations, they do not...

[Read More](#)



International Council for  
Secondary Education

[Read More](#)

ICSE 

## Comments

### DL Comment Policy

Comments should be relevant to the contents of this article, (sign in required).

Got it

0 Comments

R

Start the discussion...

Share

Best Newest Oldest

Be the first to comment.

Privacy

Do Not Sell My Data

Download PDF

View Table Of Contents

Categories

About



SIGs

Using ACM Digital Library

ICSE 

Connections

ACM Computing Classification System

People

Accessibility Statement

## Join







Join ACM

Join SIGs

Subscribe to Publications

Institutions and Libraries

## Connect

-  Contact us via email
-  ACM on Facebook
-  ACM DL on X
-  ACM on LinkedIn
-  Send Feedback
-  Submit a Bug Report

The ACM Digital Library is published by the Association for Computing Machinery. Copyright © 2024 ACM, Inc.

[Terms of Usage](#) | [Privacy Policy](#) | [Code of Ethics](#)

