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* [Log in](/w/index.php?title=Special:UserLogin&returnto=Ari+Holtzman "You're encouraged to log in; however, it's not mandatory. \[o\]")

Pages for logged out editors [learn more](/wiki/Help:Introduction)

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From Wikipedia, the free encyclopedia

Professor of computer science

Ari Holtzman is a professor of Computer Science at the [University of Chicago](/wiki/University_of_Chicago "University of Chicago") and an expert in the area of [Natural language processing](/wiki/Natural_language_processing "Natural language processing") and [Computational linguistics](/wiki/Computational_linguistics "Computational linguistics").[1] Previously, Holtzman was a PhD student at the [University of Washington](/wiki/University_of_Washington "University of Washington") where he was advised by Luke Zettlemoyer.

In 2017, he was a member of the winning team for the inaugural [Alexa Prize](/wiki/Amazon_Alexa#Alexa_Prize "Amazon Alexa") for developing a conversational AI system for the Amazon Alexa device.[2] Holtzman has made multiple contributions in the area of text generation and language models such as the introduction of [nucleus sampling](/wiki/Top-p_sampling "Top-p sampling") in 2019, his work on [AI safety](/wiki/AI_safety "AI safety") and neural fake news detection, and the fine-tuning of [quantized large language models](/wiki/Large_language_model#Compression "Large language model").[3][4]

References

[[edit](/w/index.php?title=Ari_Holtzman&action=edit&section=1 "Edit section:

References")]

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2. **^** Langston, Jennifer. ["UW students win Amazon's inaugural Alexa Prize for most engaging socialbot"](https://www.washington.edu/news/2017/11/28/uw-students-win-amazons-inaugural-alexa-prize-for-most-engaging-and-conversant-socialbot/). _UW News_. Retrieved 23 August 2023.
3. **^** Ray, Tiernan. ["To Catch a Fake: Machine learning sniffs out its own machine-written propaganda"](https://www.zdnet.com/article/to-catch-a-fake-machine-learning-sniffs-out-its-own-machine-written-propaganda/). _zdnet_. Retrieved 23 August 2023.
4. **^** Dettmers, Tim; Pagnoni, Artidoro; Holtzman, Ari; Zettlemoyer, Luke (2023-05-01). "QLoRA: Efficient Finetuning of Quantized LLMs". [arXiv](/wiki/ArXiv_\(identifier\) "ArXiv \(identifier\)"):[2305.14314](https://arxiv.org/abs/2305.14314) [[cs.LG](https://arxiv.org/archive/cs.LG)].

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This biography of an American academic is a [stub](/wiki/Wikipedia:Stub "Wikipedia:Stub"). You can help Wikipedia by [expanding it](https://en.wikipedia.org/w/index.php?title=Ari_Holtzman&action=edit).
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