RAIDE The Journal of Robotics, Artificial Intelligence & Law

Editor's Note: Words, Languages, Algorithms, and Much, Much More Victoria Prussen Spears

Unpacking Averages: Searching for Bias in Word Embeddings Trained on Food and Drug Administration Regulatory Documents Bradley Merrill Thompson

Domain-Specific Languages and Legal Applications Alexis Chun, Meng Weng Wong, and Marc Lauritsen

Equal Employment Opportunity Commission's Settlement Challenging Simple Algorithm Provides Warning for Employers Using Artificial Intelligence Rachel V. See, Annette Tyman, and Joseph R. Vele

To Bot or Not to Bot: SEC's Proposed Conflict Rules May Stifle Use of Innovation Sara P. Crovitz, Lawrence P. Stadulis, Peter M. Hong, Aliza S. Dominey, and Alexa Tzarnas

Copyright Office Seeking Comment on Human Authorship Requirements for AI-Generated Works Mark A. Baghdassarian, Zachary B. Fields, and Jonathan R. Pepin

Does a License to "Make" a Patented Product Inherently Include a Right to Have a Third Party Make the Product or Its Components? Sophie (Lu) Yan

Sentient Artificial Intelligence and the Rule of Law Bazil Cunningham



The Journal of Robotics, Artificial Intelligence & Law Volume 7, No. 1 | January–February 2024

Volume 7, No. 1 | January–February 2024

- Editor's Note: Words, Languages, Algorithms, and Much, Much 5 More Victoria Prussen Spears
- 9 **Unpacking Averages: Searching for Bias in Word Embeddings Trained on Food and Drug Administration Regulatory Documents Bradley Merrill Thompson**
- 19 **Domain-Specific Languages and Legal Applications** Alexis Chun, Meng Weng Wong, and Marc Lauritsen
- 43 **Equal Employment Opportunity Commission's Settlement Challenging Simple Algorithm Provides Warning for Employers Using Artificial Intelligence** Rachel V. See, Annette Tyman, and Joseph R. Vele
- To Bot or Not to Bot: SEC's Proposed Conflict Rules May Stifle Use 47 of Innovation Sara P. Crovitz, Lawrence P. Stadulis, Peter M. Hong,

Aliza S. Dominey, and Alexa Tzarnas

- 53 **Copyright Office Seeking Comment on Human Authorship Requirements for AI-Generated Works** Mark A. Baghdassarian, Zachary B. Fields, and Jonathan R. Pepin
- 55 Does a License to "Make" a Patented Product Inherently Include a Right to Have a Third Party Make the Product or Its Components? Sophie (Lu) Yan
- 61 Sentient Artificial Intelligence and the Rule of Law **Bazil Cunningham**

EDITOR-IN-CHIEF

Steven A. Meyerowitz *President, Meyerowitz Communications Inc.*

EDITOR

Victoria Prussen Spears Senior Vice President, Meyerowitz Communications Inc.

BOARD OF EDITORS

Melody Drummond Hansen Partner, Baker & Hostetler LLP

Jennifer A. Johnson Partner, Covington & Burling LLP

Paul B. Keller Partner, Allen & Overy LLP

Garry G. Mathiason Shareholder, Littler Mendelson P.C.

Elaine D. Solomon

Partner, Blank Rome LLP

Linda J. Thayer Partner, Finnegan, Henderson, Farabow, Garrett & Dunner LLP

> **Edward J. Walters** *Chief Executive Officer, Fastcase Inc.*

John Frank Weaver Director, McLane Middleton, Professional Association THE JOURNAL OF ROBOTICS, ARTIFICIAL INTELLIGENCE & LAW (ISSN 2575-5633 (print) /ISSN 2575-5617 (online) at \$495.00 annually is published six times per year by Full Court Press, a Fastcase, Inc., imprint. Copyright 2024 Fastcase, Inc. No part of this journal may be reproduced in any form—by microfilm, xerography, or otherwise—or incorporated into any information retrieval system without the written permission of the copyright owner. For customer support, please contact Fastcase, Inc., 729 15th Street, NW, Suite 500, Washington, D.C. 20005, 202.999.4777 (phone), or email customer service at support@fastcase.com.

Publishing Staff Publisher: Morgan Morrissette Wright Production Editor: Sharon D. Ray Cover Art Design: Juan Bustamante

Cite this publication as:

The Journal of Robotics, Artificial Intelligence & Law (Fastcase)

This publication is sold with the understanding that the publisher is not engaged in rendering legal, accounting, or other professional services. If legal advice or other expert assistance is required, the services of a competent professional should be sought.

Copyright © 2024 Full Court Press, an imprint of Fastcase, Inc.

All Rights Reserved.

A Full Court Press, Fastcase, Inc., Publication

Editorial Office

729 15th Street, NW, Suite 500, Washington, D.C. 20005 https://www.fastcase.com/

POSTMASTER: Send address changes to THE JOURNAL OF ROBOTICS, ARTIFICIAL INTELLIGENCE & LAW, 729 15th Street, NW, Suite 500, Washington, D.C. 20005.

Articles and Submissions

Direct editorial inquiries and send material for publication to:

Steven A. Meyerowitz, Editor-in-Chief, Meyerowitz Communications Inc., 26910 Grand Central Parkway, #18R, Floral Park, NY 11005, smeyerowitz@ meyerowitzcommunications.com, 631.291.5541.

Material for publication is welcomed—articles, decisions, or other items of interest to attorneys and law firms, in-house counsel, corporate compliance officers, government agencies and their counsel, senior business executives, scientists, engineers, and anyone interested in the law governing artificial intelligence and robotics. This publication is designed to be accurate and authoritative, but neither the publisher nor the authors are rendering legal, accounting, or other professional services in this publication. If legal or other expert advice is desired, retain the services of an appropriate professional. The articles and columns reflect only the present considerations and views of the authors and do not necessarily reflect those of the firms or organizations with which they are affiliated, any of the former or present clients of the authors or their firms or organizations, or the editors or publisher.

QUESTIONS ABOUT THIS PUBLICATION?

For questions about the Editorial Content appearing in these volumes or reprint permission, please contact:

Morgan Morrissette Wright, Publisher, Full Court Press at morgan.wright@vlex .com or at 202.999.4878

For questions or Sales and Customer Service:

Customer Service Available 8 a.m.–8 p.m. Eastern Time 866.773.2782 (phone) support@fastcase.com (email)

Sales 202.999.4777 (phone) sales@fastcase.com (email)

ISSN 2575-5633 (print) ISSN 2575-5617 (online)

Equal Employment Opportunity Commission's Settlement Challenging Simple Algorithm Provides Warning for Employers Using Artificial Intelligence

Rachel V. See, Annette Tyman, and Joseph R. Vele*

In this article, the authors discuss the implications for employers of a settlement reached recently by the U.S. Equal Employment Opportunity Commission in a lawsuit that many are calling the Commission's "first ever" artificial intelligence discrimination in hiring case.

The U.S. Equal Employment Opportunity Commission (EEOC) reached a settlement agreement in a lawsuit that many are calling the EEOC's "first ever" artificial intelligence (AI) discrimination in hiring lawsuit.

The settlement serves as a strong reminder of the EEOC's ongoing emphasis on AI and algorithmic bias, and a reminder to employers that the results of any technology-assisted screening process should comply with existing civil rights laws.

This article discusses key takeaways from this settlement for all employers, regardless of whether their hiring technology might be characterized as an "artificial intelligence" tool.

The EEOC's Lawsuit

The EEOC's lawsuit, against iTutor Group and its related companies (iTutor), involved an employer that hired thousands of tutors in the United States each year to provide online tutoring from their homes or other remote locations. Under the parties' negotiated consent decree approved by the court on September 8, 2023, the employer will pay \$365,000 to the approximately 200 people who applied for a job in March and April 2020 and who were purportedly rejected because of their age. While multiple media reports have characterized the EEOC's iTutor lawsuit as a case involving AI, the EEOC's complaint only alleged that the online job application system requested dates of birth and that the application software automatically rejected female applicants age 55 or older and male applicants age 60 or older. While the EEOC's complaint and proposed consent decree did not expressly reference AI or machine learning, the EEOC's press release¹ linked the case to its recent Artificial Intelligence and Algorithmic Fairness Initiative as an example of the types of technologies that the EEOC is interested in pursuing.

To be clear, automatically rejecting older job applicants, when their birthdates are already known, does not require any sort of AI or machine learning. However, it is entirely fair to say that the EEOC's complaint and positioning on the allegations squarely falls within the broader scope of its greater scrutiny of all sorts of technology in hiring, and not just "artificial intelligence."

EEOC's iTutor settlement provides an important reminder about how employers must continue to scrutinize their use of any technology, including those that align more closely to "algorithmic fairness," in this rapidly developing area, given the broader context and scope of the EEOC's ongoing efforts in this area and attendant media coverage.

Implications

The iTutor settlement, and the EEOC's ongoing emphasis in the area of AI and algorithmic bias, serves as a strong reminder to employers that the results of any technology-assisted screening process should comply with existing civil rights laws.

This reminder applies to both complicated and simple technology. It applies whether an employer is using cutting-edge AI products or if its recruiters are simply setting filters on a spreadsheet.

A robust compliance and risk management program should periodically evaluate how technology, both sophisticated and simple, is being used in the hiring process to ensure compliance and manage other risks.

Recent Settlements and Enforcement Actions Reach More Than Just Artificial Intelligence

The EEOC's complaint against iTutor focused on the employer's alleged use of straightforward technology in the context of hiring

and job applications. While few employers would characterize the basic technology used by iTutor as "artificial intelligence," the alleged conduct unquestionably falls into a broader category of violations of existing civil rights laws enabled by technology. The EEOC's scrutiny of application tracking systems follows similar settlements involving employers using these systems in ways that allegedly violated existing civil rights laws.

In 2022 and 2023, the U.S. Department of Justice Civil Rights Division's Immigrant and Employee Rights Section (IER) reached settlements with 30 employers, assessing combined civil penalties of over \$1.6 million, over the employers' use of a college recruiting platform operated by the Georgia Institute of Technology (Georgia Tech).

The first complaint to IER was by a student who was a lawful permanent resident, who observed that an employer's paid internship posting on the platform was available only to U.S. citizens. IER's subsequent investigation identified dozens more facially discriminatory postings on the site. IER's announcement of the settlement confirmed that the website allowed employers to post job advertisements that deterred qualified students from applying for jobs because of their citizenship status, and in many cases also blocked otherwise eligible students from applying, all in violation of the immigration law.

Similarly, on March 20, 2023, the EEOC announced a settlement² with a job search website operator. The underlying charge alleged that the website's customers were posting job ads that discouraged U.S. citizens from applying. The EEOC's conciliation agreement required the website operator to "scrape" the website for potentially discriminatory key words such as "OPT," "H1B," or "Visa" that appeared near the words "only" or "must" in new job postings, in an effort to prevent discriminatory job postings. In other words, the EEOC's conciliation agreement required the operator to implement a simple key word filter in an effort to identify potentially discriminatory job postings.

While none of these examples above involve the use of any AI, like the EEOC's iTutor settlement, they unquestionably fall under the broader umbrella of "algorithmic fairness." In October 2021, EEOC Chair Charlotte Burrows announced the EEOC's "Artificial Intelligence and Algorithmic Fairness Initiative."³ Her joint statement⁴ of April 25, 2023, joined by the heads of the Consumer Financial Protection Bureau, Federal Trade Commission, and Department of Justice Civil Rights Division, emphasizes the agencies' concern about "harmful uses of automated systems," not just AI. And the EEOC's draft Strategic Enforcement Plan,⁵ published in the Federal Register on January 10, 2023, indicates an enforcement focus on all "automated systems" used in hiring, not just systems that could be characterized as "artificial intelligence."

Conclusion

Unquestionably, many employers are already using (and others are contemplating using) AI as part of their hiring and other human resources processes. The EEOC's iTutor complaint, combined with its ongoing focus and outreach in this area, means that employers' use of any technology, and not just technology characterized as "artificial intelligence," is receiving increased scrutiny.

Whether or not technology is properly characterized as "artificial intelligence," asserting that "the technology forced me to discriminate" will never be an effective affirmative defense to an EEOC charge or lawsuit. The EEOC's iTutor settlement should serve as a reminder that a robust compliance and risk management program should periodically assess and test compliance and other risks regarding how technology, both sophisticated and simple, is being used in the hiring process. Given the attention that technologies are receiving from the EEOC and other agencies, we anticipate seeing a significant rise in charge filings, investigations, and litigation relating to these issues.

Notes

* The authors, attorneys with Seyfarth Shaw LLP, may be contacted at rsee@seyfarth.com, atyman@seyfarth.com, and jvele@seyfarth.com, respectively.

1. https://www.eeoc.gov/newsroom/itutorgroup-pay-365000-settle-eeoc-discriminatory-hiring-suit.

2. https://www.eeoc.gov/newsroom/dhi-group-inc-conciliates-eeoc-national-origin-discrimination-finding.

3. https://www.eeoc.gov/ai.

4. https://www.eeoc.gov/joint-statement-enforcement-efforts-against-discrimination-and-bias-automated-systems.

5. https://www.federalregister.gov/documents/2023/01/10/2023-00283/ draft-strategic-enforcement-plan.