Résumés to U.S. Jobs What Researchers Discovered When They Sent 80,000 Fake

a big difference. Some companies discriminated against Black applicants much more than others, and H.R. practices made





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characteristics. They changed applicants' names to suggest that they were white or Black, and male or female country, applying for jobs using made-up résumés with equivalent qualifications but different personal A group of economists recently performed an experiment on around 100 of the largest companies in the Latisha or Amy, Lamar or Adam

presumed white applicants 9.5 percent more often than the presumed Black applicants On Monday, they released the names of the companies. On average, they found, employers contacted the

applicants retailers or car dealers — were responsible for nearly half of the gap in callbacks to white and Black Yet this practice varied significantly by firm and industry. One-fifth of the companies — many of them

candidates 33 percent more often. Genuine Parts Company, which sells auto parts including under the NAPA brand, and called presumed white Two companies favored white applicants over Black applicants significantly more than others. They were AutoNation, a used car retailer, which contacted presumed white applicants 43 percent more often, and

respond to a request for comment. practices to ensure inclusivity and break down barriers, and we will continue to do so." AutoNation did not In a statement, Heather Ross, a spokeswoman for Genuine Parts, said, "We are always evaluating our

Companies With the Largest and Smallest Racial Contact Gaps

applicants significantly more often than presumed Black ones. At 14 companies, there was little or no difference in how often they called back the presumed white or Black applicants. Of the 97 companies in the experiment, two stood out as contacting presumed white job

Companies where the racial gap was the largest





Companies where the racial gap was the smallest

























target



Source: Patrick Kline, Evan K. Rose and Christopher R. Walters

certain industries discrimination is in parts of the U.S. labor market — and the extent to which Black workers start behind in 80,000 résumés to 10,000 jobs from 2019 to 2021. The results demonstrate how entrenched employment Known as an audit study, the experiment was the largest of its kind in the United States: The researchers sent

of your community going forward." School of Law who previously worked for the Department of Labor on employment discrimination. "If you're "I am not in the least bit surprised," said Daiquiri Steele, an assistant professor at the University of Alabama having trouble breaking in, the biggest issue is the ripple effect it has. It affects your wages and the economy

for how companies can avoid biased decisions in the hiring process. Some companies showed no difference in how they treated applications from people assumed to be white or Black. Their human resources practices — and one policy in particular (more on that later) — offer guidance

including Mondelez; freight and transport, including FedEx and Ryder; and wholesale, including Sysco and McLane Company A lack of racial bias was more common in certain industries: food stores, including Kroger; food products,

been doing a good job," said Patrick Kline, an economist at the University of California, Berkeley, who discriminating, but also that it's possible to do better, and there's something to be learned from those that have "We want to bring people's attention not only to the fact that racism is real, sexism is real, some are

conducted the study with Evan K. Rose at the University of Chicago and Christopher R. Walters at Berkeley.

methodology developed to group them by their performance, while accounting for statistical noise new paper, which is set to run in the American Economic Review, names the companies and explains the The researchers first published details of their experiment in 2021, but without naming the companies. The

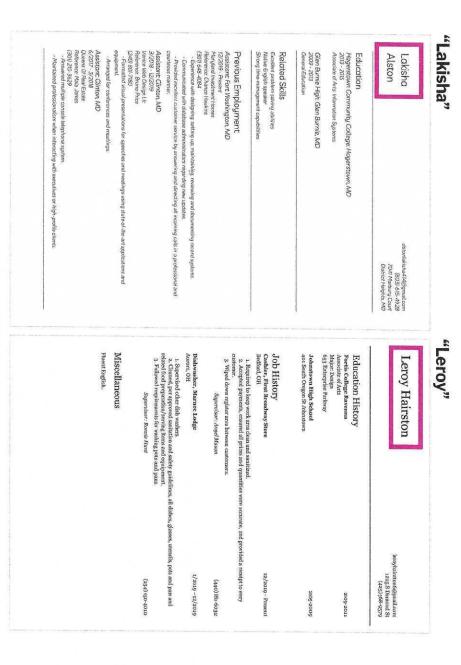
Sample Résumés From the Experiment

candidates whose names suggested that they were white. Fictitious résumés sent to large U.S. companies revealed a preference, on average, for

Résumés with distinctively white names



Résumés with distinctively Black names



percent of people with that name were of a particular race. · Source: Patrick Kline, Evan K. Rose and tickets issued in North Carolina between 2006 and 2018, classifying a name as "distinctive" if more than 90 certificates from 1974 to 1979. They then supplemented this list with names found in a database of speeding Christopher R. Walters To assign names, the researchers started with a prior list that had been assembled using Massachusetts birth

characteristics protected by law, like age and sexual orientation. degree or substantial work experience. In addition to race and gender, the researchers tested other The study includes 97 firms. The jobs the researchers applied to were entry level, not requiring a college

whether the employer contacted the applicant within 30 days. nationwide, to try to uncover patterns in companies' operations versus isolated instances. Then they tracked They sent up to 1,000 applications to each company, applying for as many as 125 jobs per company in locations

A bias against Black names

were baked in to corporate culture or H.R. practices, the researchers said for positions at those firms that didn't involve customer interaction, suggesting that discriminatory practices were most likely to show a preference for applicants presumed to be white. This was true even when applying Companies requiring lots of interaction with customers, like sales and retail, particularly in the auto sector,

Still, there were exceptions — some of the companies exhibiting the least bias were retailers, like Lowe's and

though they face less discrimination than Black applicants. American applicants, but other research suggests that they are also contacted less than white applicants, Northwestern who analyzes audit studies. It did not include names intended to represent Latino or Asian whole because it tested large companies, which tend to discriminate less, said Lincoln Quillian, a sociologist at The study may underestimate the rate of discrimination against Black applicants in the labor market as a

short-lived disappeared among certain employers, but the researchers behind that study said the effect was most likely in three decades. After the Black Lives Matter protests in 2020, such discrimination was found to have Still, a review of all available audit studies found that discrimination against Black applicants had not changed The experiment ended in 2021, and some of the companies involved might have changed their practices since.

Gender, age and L.G.B.T.Q. status

showing that gender discrimination against women is rare in entry-level jobs, and starts later in careers On average, companies did not treat male and female applicants differently. This aligns with other research

more than men than twice as often as female ones. Ascena, which owns brands like Ann Taylor, contacted women 66 percent the biases were much larger than for race. Builders FirstSource contacted presumed male applicants more However, when companies did favor men (especially in manufacturing) or women (mostly at apparel stores),

Neither company responded to requests for comment.

benefit for white applicants, and a slight penalty for Black applicants. The consequences of being female differed by race. The differences were small, but being female was a slight

They found there was a small penalty for being over 40 The researchers also tested several other characteristics protected by law, with a smaller number of résumés.

disappeared membership in an L.G.B.T.Q. club on the résumé, resulted in a slight penalty for white applicants, but benefited Black applicants — although the effect was small, when this was on their résumés, the racial penalty Overall, they found no penalty for using nonbinary pronouns. Being gay, as indicated by including

difficult for job applicants to know why they did not hear back from a company. Under the Civil Rights Act of 1964, discrimination is illegal even if it's unintentional. Yet in the real world, it is

researchers, though it could not use an academic study as the basis for an investigation, she said.) are being discriminated against in the hiring process," Brandalyn Bickner, a spokeswoman for the Equal "These practices are particularly challenging to address because applicants often do not know whether they Employment Opportunity Commission, said in a statement. (It has seen the data and spoken with the

What companies can do to reduce discrimination

diverse board — were not correlated with decreased discrimination in entry-level hiring, the researchers Several common measures — like employing a chief diversity officer, offering diversity training or having a

But one thing strongly predicted less discrimination: a centralized H.R. operation.

for example was more. These messages often sounded frantic and informal, asking if an applicant could start the next day, tended to be less bias. When they came from individual hiring managers at local stores or warehouses, there came from fewer individual phone numbers, suggesting that they were originating from a central office, there The researchers recorded the voice mail messages that the fake applicants received. When a company's calls

approval, can be quite important in mitigating bias." this, he said: "Just thinking about things, which steps to take, having to run something by someone for "That's when implicit biases kick in," Professor Kline said. A more formalized hiring process helps overcome

a focus on the requirements of the position, is key," said Ron Phillips, Sysco's chief human resources officer. "It recruitment team reviews résumés and decides whom to call. "Consistency in how we review candidates, with At Sysco, a wholesale restaurant food distributor, which showed no racial bias in the study, a centralized

lessens the opportunity for personal viewpoints to rise in the process."

60 percent are women and showed no racial bias in the study. Around 40 percent of the company's recruiters are people of color, and resources officer at McLane Company. It procures, stores and delivers products for large chains like Walmart, Another important factor is diversity among the people hiring, said Paula Hubbard, the chief human

trucking and puts up billboards in Spanish. Diversifying the pool of people who apply also helps, H.R. officials said. McLane goes to events for women in

sense? Is experience enough?" "We now do that for all our jobs: Is there truly a degree required?" Ms. Hubbard said. "Why? Does it make it changed that practice after determining that specific skills mattered more for warehousing or driving jobs. So does hiring based on skills, versus degrees. While McLane used to require a college degree for many roles,

jobs, in 2018 Hilton, another company that showed no racial bias in the study, also stopped requiring degrees for many

at federal contractors, or companies with more Labor Department citations Another factor associated with less bias in hiring, the new study found, was more regulatory scrutiny — like

had more efficient business processes, in H.R. and elsewhere more profitable companies benefit from a more diverse set of employees. Or it could be an indication that they Prize winner Gary Becker that discrimination is bad for business. Economists said that could be because the Finally, more profitable companies were less biased, in line with a long-held economics theory by the Nobel

won a Pulitzer Prize in 2018 for public service for reporting on workplace sexual harassment issues. More about Claire Cain Miller Claire Cain Miller writes about gender, families and the future of work for The Upshot. She joined The Times in 2008 and was part of a team that

"Speaking American: How Y'all, Youse, and You Guys Talk," a visual exploration of American regional dialects. More about Josh Katz Josh Katz is a graphics editor for The Upshot, where he covers a range of topics involving politics, policy and culture. He is the author of