

CONTENT WARNING

This presentation engages with sensitive material, including examples of nativism and stories of physical violence.

Your discretion is advised and encouraged.

```

1 #pragma OPENCL EXTENSION cl_khr_fp64 : enable
2 #pragma OPENCL EXTENSION cl_amd_fp64 : enable
3
4 #define SOFTENING 0.001
5
6 __kernel void force (
7     __global double * mass, __global double4 * position,
8     __global double4 * velocity, double time_step )
9 {
10     __local double4 shared_position[ITEMS_PER_GROUP];
11     size_t lid = get_local_id(0);
12
13     shared_position[lid] = position[get_global_id(0)];
14     double4 this_acc;
15     this_acc.x = this_acc.y = this_acc.z = this_acc.w = .0;
16     for ( size_t i = 0; i < get_global_offset(0) + get_global_size(0); ++i )
17     {
18         double4 dist = shared_position[lid] - position[i];
19         this_acc += mass[i] * dist / powr(length(dist) + SOFTENING, 3.);
20     }
21
22     size_t gid = get_global_id(0);
23     velocity[gid] += this_acc * time_step;
24     position[gid] += velocity[gid] * time_step;
25 }

```

“Towards an Astrophysical-oriented Computational multi-Architectural Framework” (Razmyslovich, Männer & Marcus 2016, 24)

Algorithmic Exploitation

1) automated social media profiles for content amplification

2) targeting communities with advertising technologies

3) capitalizing on words and phrases to influence search engine results

Facebook Gets a Facelift

September 5, 2006 at 1:03 AM 🌐

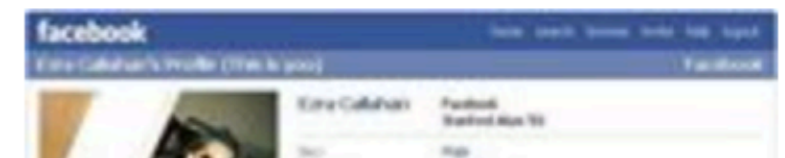


You can now see the latest happenings from your social circles on Facebook with News Feed on your homepage.

You've probably noticed that Facebook looks different today. We've added two cool features: News Feed, which appears on your homepage, and Mini-Feed, which appears in each person's profile.

News Feed highlights what's happening in your social circles on Facebook. It updates a personalized list of news stories throughout the day, so you'll know when Mark adds Britney Spears to his Favorites or when your crush is single again. Now, whenever you log in, you'll get the latest headlines generated by the activity of your friends and social groups.

Mini-Feed is similar, except that it centers around one person. Each person's Mini-Feed shows what has changed recently in their profile and what



What kinds of posts will I see in News Feed?



Posts that you see in **News Feed** are meant to keep you connected to the people, places and things that you care about, starting with your friends and family.



Posts that you see first are influenced by your connections and activity on Facebook. The number of comments, likes and reactions a post receives and what kind of story it is (example: photo, video, status update) can also make it more likely to appear higher up in your News Feed.



About your Twitter timeline

What's in your Home timeline

When you log in to Twitter, you'll land on your Home timeline.

- Your Home timeline displays a stream of Tweets from accounts you have chosen to follow on Twitter. You may see suggested content powered by a variety of signals. You can [reply](#), [Retweet](#), or [like](#) a Tweet from within the timeline.
- Tweets you are likely to care about most will show up first in your timeline. We choose them based on accounts you interact with most, Tweets you engage with, and much more. You can find instructions for how to turn off this behavior [here](#).
- You may see a summary of the most interesting Tweets you might not have seen, labeled as **In case you missed it**.
- You may also see content such as [promoted Tweets](#) or [Retweets](#) in your timeline.



Alexandria Ocasio-Cortez @Ocasio2018 **2h**



\$21 TRILLION of Pentagon financial transactions “could not be traced, documented, or explained.”

\$21T in Pentagon accounting errors. Medicare for All costs ~\$32T.

That means 66% of Medicare for All could have been funded already by the Pentagon.

And that’s before our premiums.

The screenshot shows a tweet from **jordan** (@JordanUhl) with the text: "Medicare for All: But how will we pay for it?" and "Military: We actually have no idea what we're even paying for". To the left of the tweet is a snippet of a news article from www.thenation.com with the headline "Exclusive: The Pentagon's Massive Accounting Fraud Exposed". The article snippet includes the text: "all, at least a mind-boggling \$21 billion of Pentagon financial transactions between 1998 and 2015 could not be traced, documented, or explained, concluded Skidmore. To convey the vastness of that sum, \$21 billion is roughly five times more than the entire federal government spends in a year. It is greater than the US Gross National Product, the world's largest at an estimated \$18.8 trillion. And that \$21 trillion includes only figures that were disclosed in reports by the Office of Inspector General, which does not review all of the Pentagon's spending."

1.1K

7.3K

20K



(December 2, 2018)

Good will always defeat Evil.

- Q Anon

Tweets **580K**

Following **130**

Followers **3,647**

Likes **21.5K**

Joey Brooklyn

@Joe_America1776

EVERY DAY IS GOING TO BE A FIGHT!
YOU WANT ANSWERS! THE TRUTH!
THE BATTLE FOR AMERICA BEGINS
TODAY! #TCOT Don't Tread on Me!
Reagan Coalition! #COVFefe #NotABot

📍 BROOKLYN NEW YORK

📅 Joined July 2015

Tweet to Joey Brooklyn

🖼️ 20.4K Photos and videos



Tweets

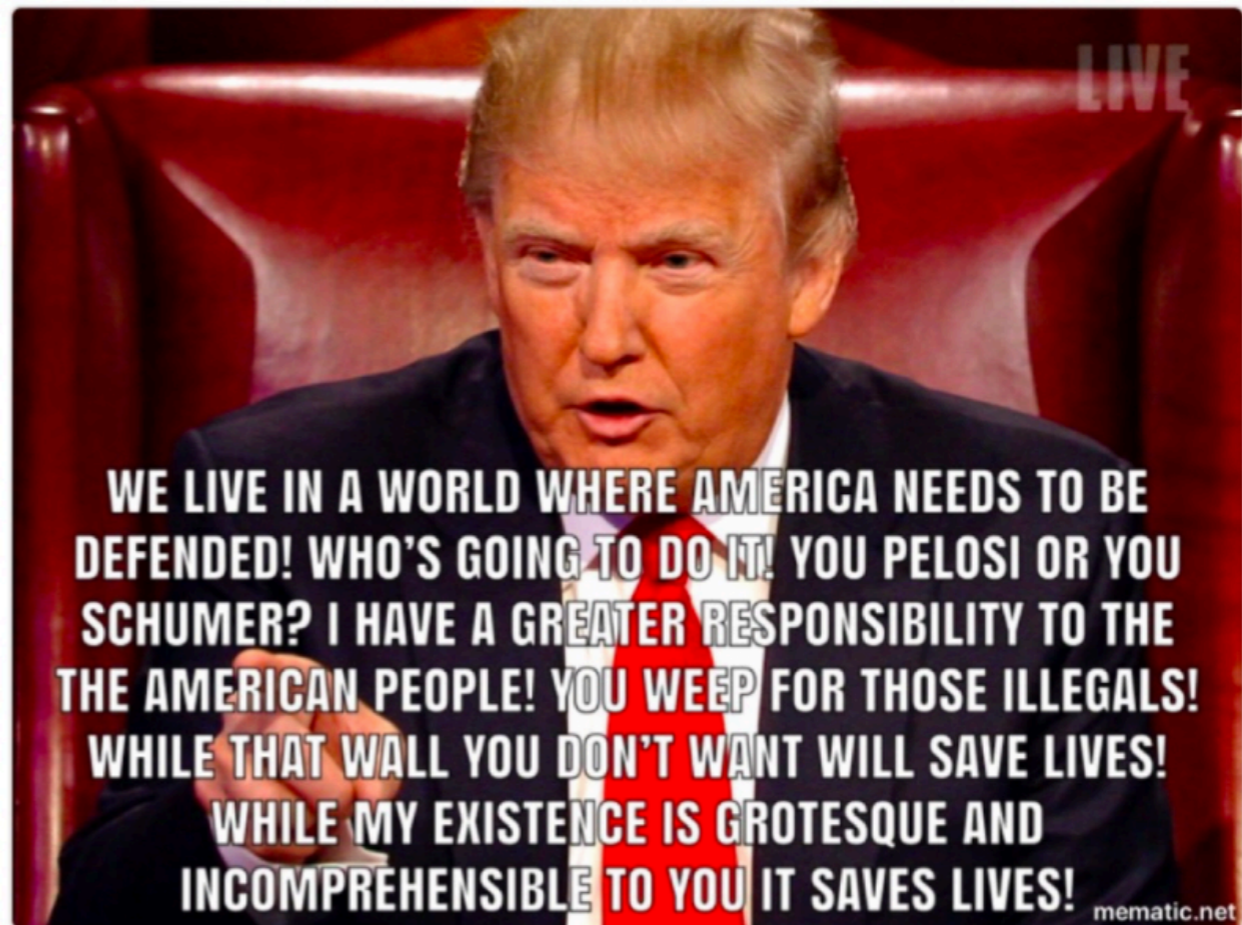
Tweets & replies

Media

📌 Pinned Tweet

Joey Brooklyn @Joe_America1776 · Apr 15

YOU WANT ANSWERS? I WANT THE TRUTH! YOU CAN'T HANDLE THE THE TRUTH! DID YOU ORDER THE #COVFefe YOUR DAMN RIGHT I DID! BECAUSE IN THE END WE WIN! #MAGA



💬 7

↻ 29

♥ 37

✉

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TECH • TWITTER

Trump's Fake Twitter Following Climbs, Sparking Fears of a Bot War



By **MATHEW INGRAM** May 31, 2017

A report from a third-party service called Twitter Audit shows that more than half of those following the president's account are suspected of being fake or automated (although BuzzFeed notes that the site's methodology for detecting fakes is not foolproof).

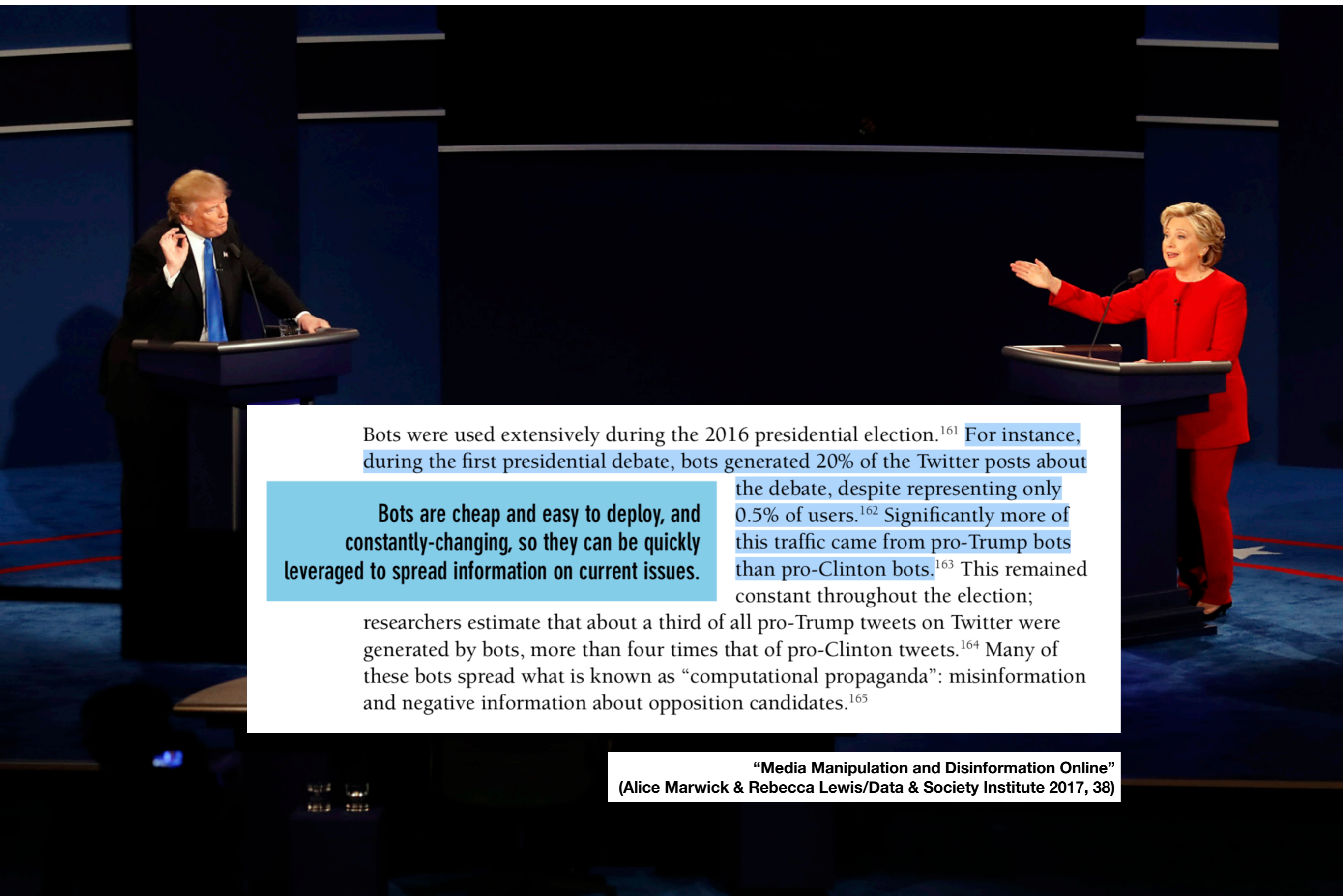
The screenshot shows a grid of Twitter user avatars and names. Visible names include Elise (@chickanelisa13), Claude Mendez (@claudemendez551), Ayye (@Ayye510141051n2), Tiffany Dowsett (@tiffanydowsett11), ابوب العناني (@ayyob1435), Eisenschneider (@azocokdud153), Anabel Vazquez (@Anabel72234), blablaba (@proppep1), and Ma (@M_Lk). Below the grid, there is a 'FOLLOWING 21' section and a tweet from @dKl6Y4yKOijoyQ3 that says '@dKl6Y4yKOijoyQ3 hasn't Tweeted'. At the bottom, a tweet from Josh Jordan (@NumbersMuncher) is visible, discussing a report about Trump's Twitter account gaining 3 million followers.

Josh Jordan

@NumbersMuncher

Totally normal that Trump's twitter account gained 3 million followers this weekend and almost all created in May w/ no prior tweets, right?

♥ 2,874 1:50 PM - May 30, 2017



Bots were used extensively during the 2016 presidential election.¹⁶¹ For instance, during the first presidential debate, bots generated 20% of the Twitter posts about

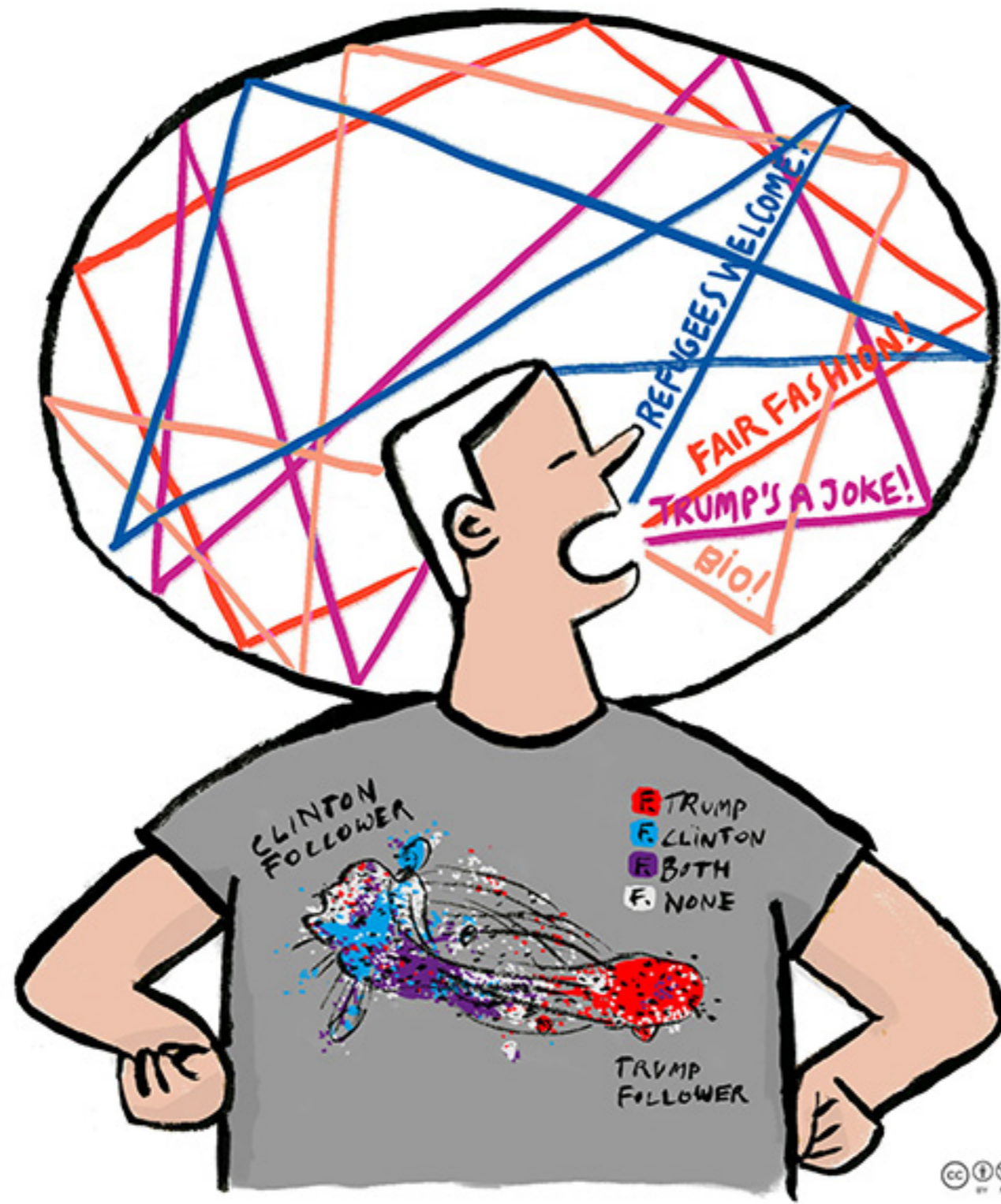
Bots are cheap and easy to deploy, and constantly-changing, so they can be quickly leveraged to spread information on current issues.

the debate, despite representing only 0.5% of users.¹⁶² Significantly more of this traffic came from pro-Trump bots than pro-Clinton bots.¹⁶³ This remained constant throughout the election;

researchers estimate that about a third of all pro-Trump tweets on Twitter were generated by bots, more than four times that of pro-Clinton tweets.¹⁶⁴ Many of these bots spread what is known as “computational propaganda”: misinformation and negative information about opposition candidates.¹⁶⁵

**“Media Manipulation and Disinformation Online”
(Alice Marwick & Rebecca Lewis/Data & Society Institute 2017, 38)**

ECHOCHAMBER



Alex Klobouk/Goethe-Institut (2018)

People You May Know

Four blurred profile cards are shown, each with a blue 'Add Friend' button and a grey 'Remove' button to its right.

Source: Facebook

Who to follow · Refresh · View all

A vertical list of blurred profile cards, each with a small blue checkmark icon to its left, suggesting they are followed or recommended.

 **Find people you know**
Import your contacts from Gmail

[Connect other address books](#)

Source: Twitter

A Facebook sponsored post for HubSpot. The HubSpot logo is circled in red with the word 'Sponsored' written over it. The post text reads: 'Collect leads in your sleep. 100% free, forever.' Below this is an image of the HubSpot software interface. The URL 'HUBSPOT.COM/MARKETING/FREE' is shown, followed by the headline 'Not Using HubSpot Marketing Free Yet?' and the text '100% free. Unlimited Use. Totally secure data.' Engagement stats show 2.4K reactions, 197 comments, and 656 shares. Interaction buttons for Like, Comment, and Share are visible at the bottom.

Source: Kelly Main/FitSmallBusiness.com (November 8, 2018)

A tweet from Lowe's (@Lowe's) dated Jul 6. The text says: 'Make your new home your own home with this Craftsman Power Tool Combo Kit. 🏠 🛠️ It helps bring your vision to life the first time, 10th time, 100th time. After all, there's always something to do, right? #Lowe's'. Engagement icons show 7 replies, 4 retweets, and 36 likes. A 'Promoted' label with a right-pointing arrow icon is circled in red at the bottom left of the tweet.

(2019)



In this report, we argue that today's digital advertising infrastructure creates disturbing new opportunities for political manipulation and other forms of anti-democratic strategic communication.⁴ While our focus is political advertising, the digital systems political operatives rely upon have largely been put into place to attract commercial advertisers to the web. Ad platforms, web publishers, and other intermediaries have developed an infrastructure of data collection and targeting capacities that we call the **Digital Influence Machine**. The DIM incorporates a set of overlapping technologies for surveillance, targeting, testing, and automated decision-making designed to make advertising – from the commercial to the political – more powerful and efficient. In industry parlance, the goal is to enable marketers to reach the right person with the right message at the right time.

"Weaponizing the Digital Influence Machine"
(Nadler, Crain & Donovan/Data & Society Institute 2018, 4-5)

Weaponizing the Digital Influence Machine:

The Political Perils of Online Ad Tech

Anthony Nadler, Matthew Crain, and Joan Donovan

Suggested Page

Williams&Kalvin
Sponsored

Black is beautiful! News and videos for Black-Americans!



Williams&Kalvin
Community
48,419 people like this.

Like Page

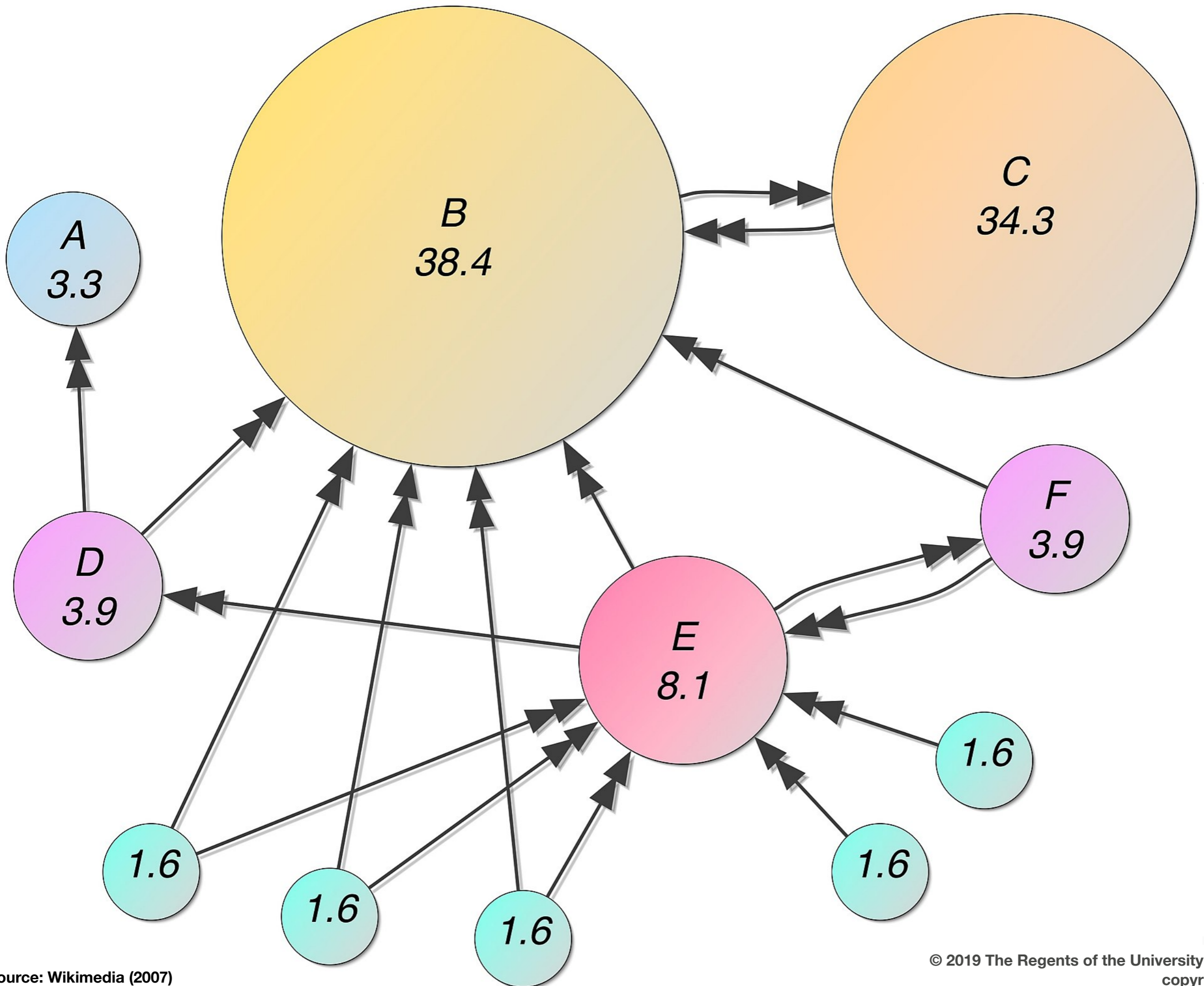
Williams&Kalvin
Sponsored ·

Like Page

Power to the People! We have to grow up, we have to wise up.
We don't have any other choice this time but boycott the election.
 This time we choose between two racists. No one represents Black people.
Don't go to vote. Only this way we can change the way of things....
 See More



Source: "Beware: Disguised as Your Community, Suspicious Groups May Target You Right Now for Election Interference Later (Young Mie Kim/Project DATA, August 8, 2018)"



SEARCH ENGINE OPTIMIZATION (SEO)

Get More Website Traffic and New Customers with Professional SEO Services

Help your company achieve higher rankings, increase revenue, and get a constant stream of new customers with SEO.com's award-winning search engine optimization services.

[GET A FREE INSTANT SEO AUDIT](#)

data void

Your search - **anisfnoinweiuniguq3gbiqpbvi** - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.



black on white crime

Google Search

I'm Feeling Lucky

Black Crime Facts That The White Liberal Media ... - Infowars

- FACT: Despite being outnumbered by **whites** five to one, **blacks** commit eight times more **crimes** against **whites** than vice-versa, according to FBI statistics from 2007. A **black** male is 40 times as likely to assault a **white** person as the reverse. These figures also show that interracial rape is almost exclusively **black on white**.

 <https://www.infowars.com/black-crime-facts-that-the-white-liberal-...>

Black on White Crime Archives - American Renaissance

American Renaissance News and commentary on interracial **crime**, race differences, **white** advocacy, Third World immigration, anti-**white** racism, and **white** identity.

 <https://www.amren.com/tag/black-on-white-crime/>

black on white crime - White Girl Bleed a Lot, Knockout Game ...

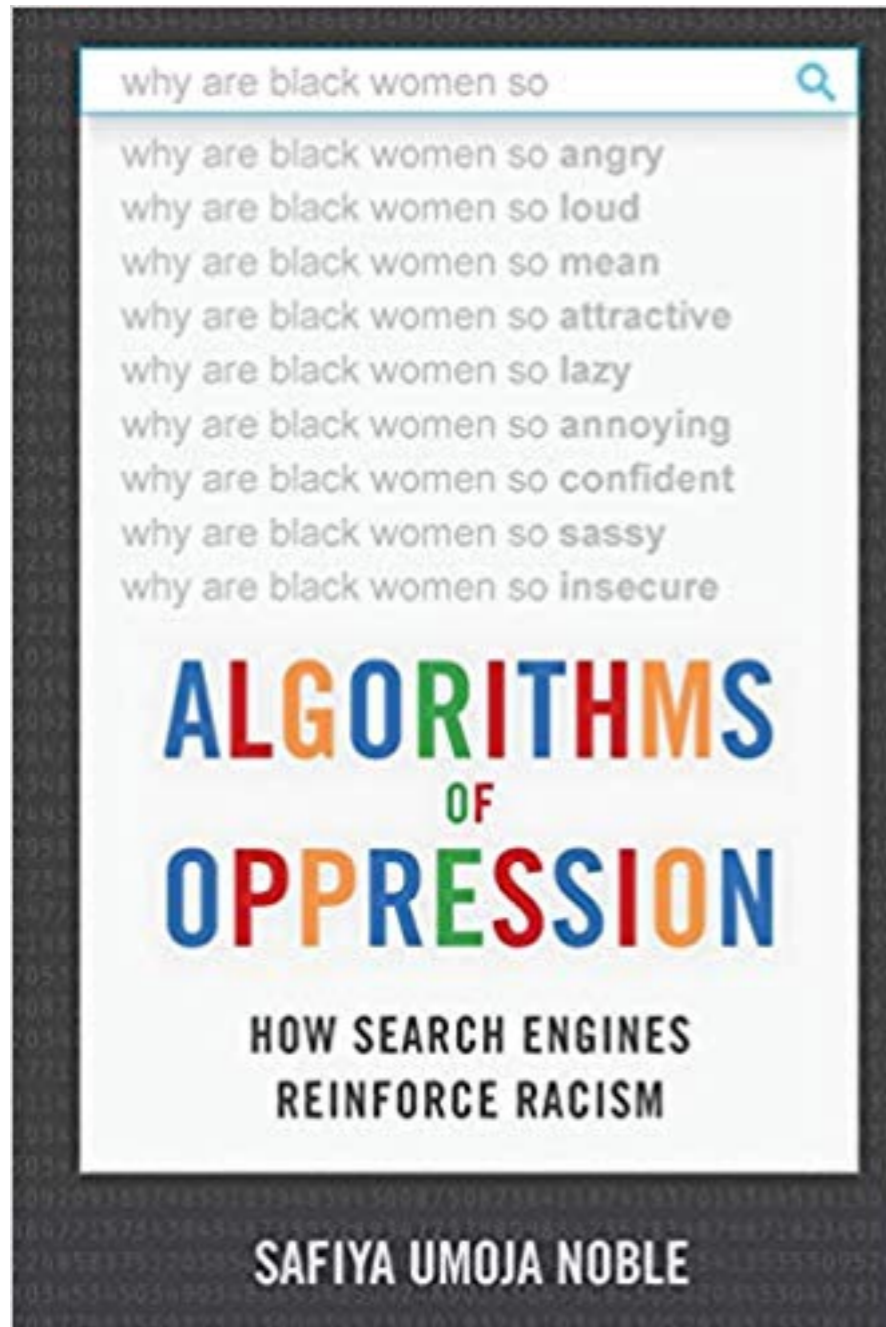
Black on white crime in Ames, Iowa. I guess I need to get out more: I was one of those people who used to think Iowa was some kind of Kevin Costner fantasy of a bucolic life and checkered table cloths and apple pie.

 whitegirlbleedalot.com/tag/black-on-white-crime/

White On Black Crime vs. Black On White Crime: New Statistics ...

FBI data show that while 500 **black-on-white** killings and 229 **white-on-black** killings were reported in 2015, 2,574 homicides were committed by **whites** against other **whites**, and 2,380 by **blacks** ...

 <https://www.ibtimes.com/white-black-crime-vs-black-white-crime-ne...>



Nicole Hayward/NYU Press (2018)

“Social Exploitation”?

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13   shared_position[lid] = position[get_global_id(0)];
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15   this_acc.x = this_acc.y = this_acc.z = this_acc.w = .0;
16   for ( size_t i = 0; i < get_global_offset(0) + get_global_size(0); ++i )
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```

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