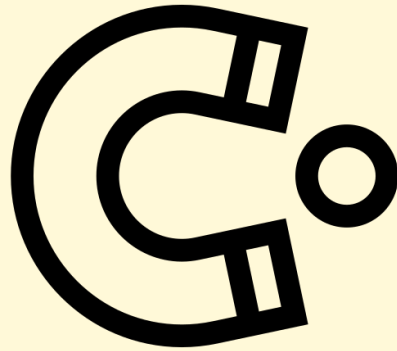


Complementary Opposing News (CON): Devil's Advocate as a Service (DaaS)



Eden Chan

Mission Statement: **End Polarization.**

Tazik Shahjahan



Vertex.ai



Google Cloud

We live in age of Abundant Information

Information overload

- Content at our fingertips
- Internet democratizes => everyone is a publisher
- Text, audio, video newsfeeds



THE PROBLEM

We don't know what to believe

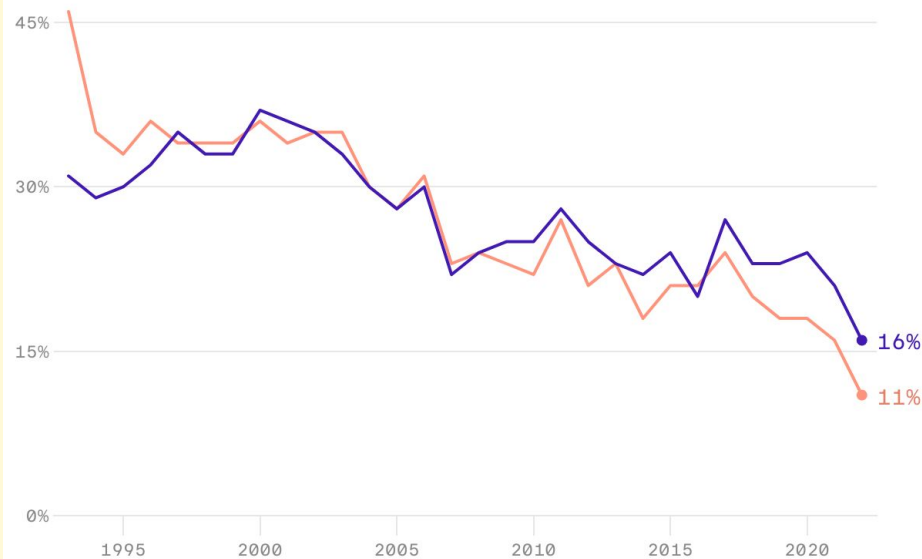
50% of americans believe news *intentionally* misleads them

Why is trust so low?

- News platforms are incentivized to compete for users' limited attention
- Publishers cherry-pick sources that support their political agendas
- Maximizing user engagement by incendiary articles

Percentage of Americans who say they have "a great deal" or "quite a lot" of confidence in **newspapers** and **television news**

Surveys of at least 1,000 U.S. adults conducted annually between 1993 and 2022



ChatGPT + LLMs amplify these issues

New challenges

- Social media algorithms optimize for engagement, not truth
- The rapid pace at which AI content can be disseminated
- LLM promote cherry-picking => feedback loop
- Hard to differentiate AI and genuine expert commentary¹



[1]<https://scholarspace.manoa.hawaii.edu/items/c7fcdd2c-c185-455e-9d35-659f35a374d2>

Polarization – extreme views on both sides

 **United States presidential election, 2016**
November 23 at 4:10am · 🌐

OH MY GOD! Trump To Release Secret Document That Will Destroy Obama!



OH MY GOD! Trump To Release Secret Document That Will Destroy Obama!

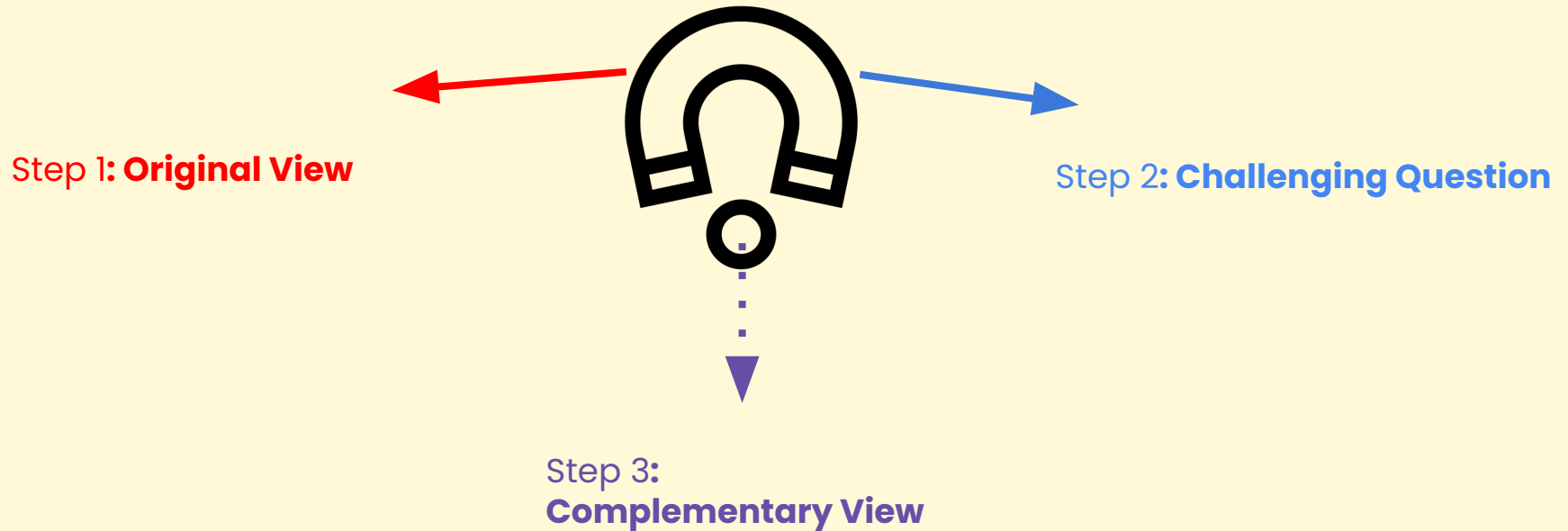
OH MY GOD! Trump To Release Secret Document That Will Destroy Obama! Do you remember back when Obama administration helped adopt the Joint...

DEPARTED.CO

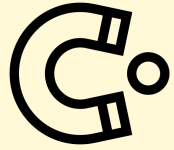
👍 Like 💬 Comment ➦ Share 📷

👍❤️😂 38 Top Comments

Our solution: CON (DAAS)



TECH DEMO



Polarization – extreme views on both sides



CON Technical Demo

<https://youtu.be/QBtXXeIDXn0>

CON Full Demo

<https://youtu.be/KAqrvchHo2Bw>

TECH STACK

FRONTEND



TypeScript



BACKEND



Google Cloud



Improvements

- Data analytics and visualizations to engage users
- GCP for scaling and Firebase for production-grade hosting
- Form prediction market (like Metaculus) to crowdsource bets
- Blockchain to host algorithm for user consensus into input and future proof against malicious actors