

# Matrix: An open network for secure, decentralized communication

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Beeper

## A bit about me

- I graduated in 2018 with my bachelor's in CS from Mines.
- I graduated in 2019 with my master's in CS, also from Mines.
- I worked at The Trade Desk for two years right after graduating.
- I currently am teaching *CSCI 400 Principles of Programming Languages* and I have previously taught *CSCI 406 Algorithms* and *CSCI 564 Advanced Computer Architecture*.
- I started at Beeper in July.

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I'd like to get to know everyone a bit more and get a feel for everyone's experience levels.

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## 1. Why Matrix?



# Why Matrix?

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# Let's talk about chat platforms...

Which of the following chat networks do you use/have you used?

- TikTok
- Snapchat
- Instagram
- Discord
- Facebook Messenger
- iMessage
- Hangouts
- Slack
- Signal
- Telegram
- Wire

What do all of these chat networks have in common?

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The **closed source** platforms are problematic because you can never be sure *how your data is being used*.

The **unencrypted** platforms are problematic because your messages are not private.

And, because none of them are interoperable, you have to have a ton of chat apps on your phone.

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