



'FACING' REALITY



DEEPFAKES & VOICE RECOGNITION



MEET OUR SPEAKER

ROBYN BARTLETT

Cyberlinx Security
Cyber Angels SA



South Africa





SOURCE: DIEP NEP



“

*BEFORE WE GET
STARTED!*

QUICK QUESTION?

I know, I'm already making you work...





WHAT ARE DEEPFAKES?



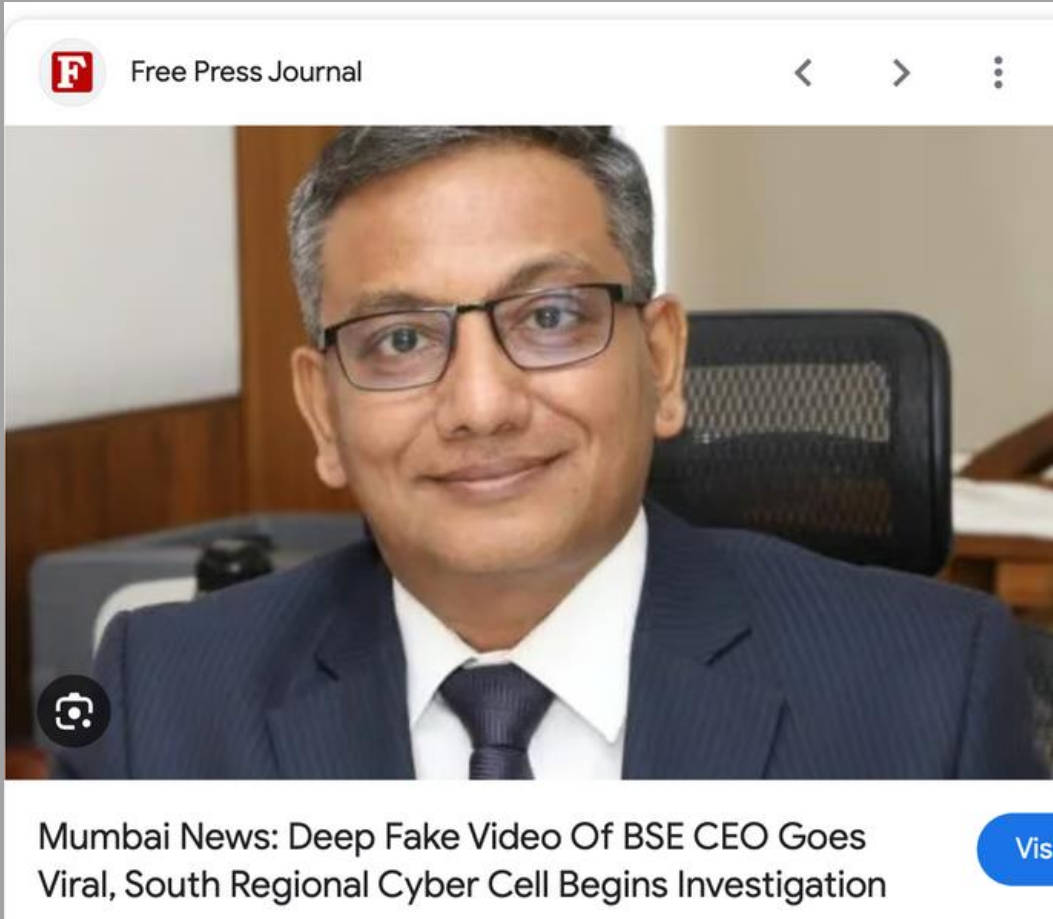
When seeing ISN'T believing...



EXAMPLES/ USE-CASES ON HOW IT CAN AFFECT THE ‘BUSINESS’

MIRROR OF TRUTH: REFLECTING ON DEEP FAKES

BOMBAY BUST



SOURCE: FREE PRESS JOURNAL

HONG KONG HEIST



SOURCE: THE GUARDIAN

BAIT AND SWITCH



SOURCE: THE TIMES



EXAMPLES/ USE-CASES ON HOW IT CAN AFFECT THE ‘PERSON’

FAKEBUSTER: SEEING THROUGH DEEP FAKES

ABUSE VIDEOS



SOURCE: WILL RIVERA

ROMANCE SCAMS



SOURCE: WIRED

DIGITAL DOCTORS



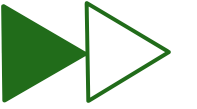
SOURCE: NY POST

AI GONE WRONG



SOURCE: TAKAMURA TV





WHAT IS HYPER-REALISTIC AI CONTENT

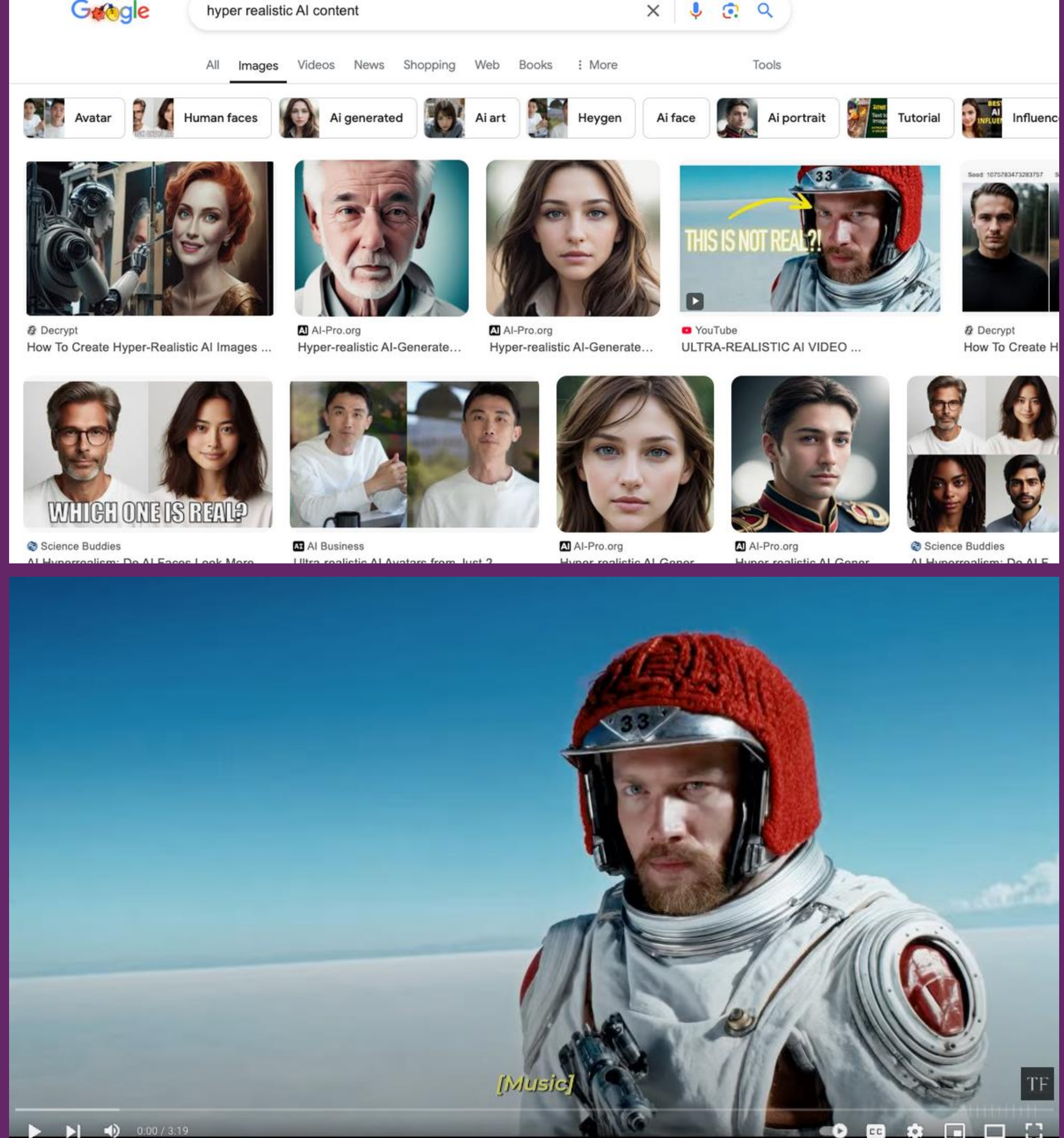


FakeBuster: seeing through the AI



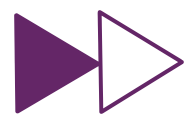
BUT

WHEN YOU DO SOME GOOGLING...



VOICE CLONING

**IN PUBLIC
AREAS**



The person you have dialed... Does not sound like this?!



Morgan Freeman calls out 'unauthorized A.I.' replicating his voice in a TikTok video

Morgan Freeman calls out 'unauthorized A.I.' replicating his voice in a TikTok video

NEW YORK POST

a day in the life of a nepo
niece

TikTok/justinescameraroll



SOURCE: NY POST



EXAMPLES/ USE-CASES ON HOW IT CAN AFFECT THE 'BUSINESS'

FROM HELLO TO HEIST...

BANK HEIST



SOURCE: RED-GOAT.COM

THE CYBER SEC DEMO



SOURCE: ESET YOUTUBE CHANNEL/ THE TIMES

POLITICAL ROBO-CALLS

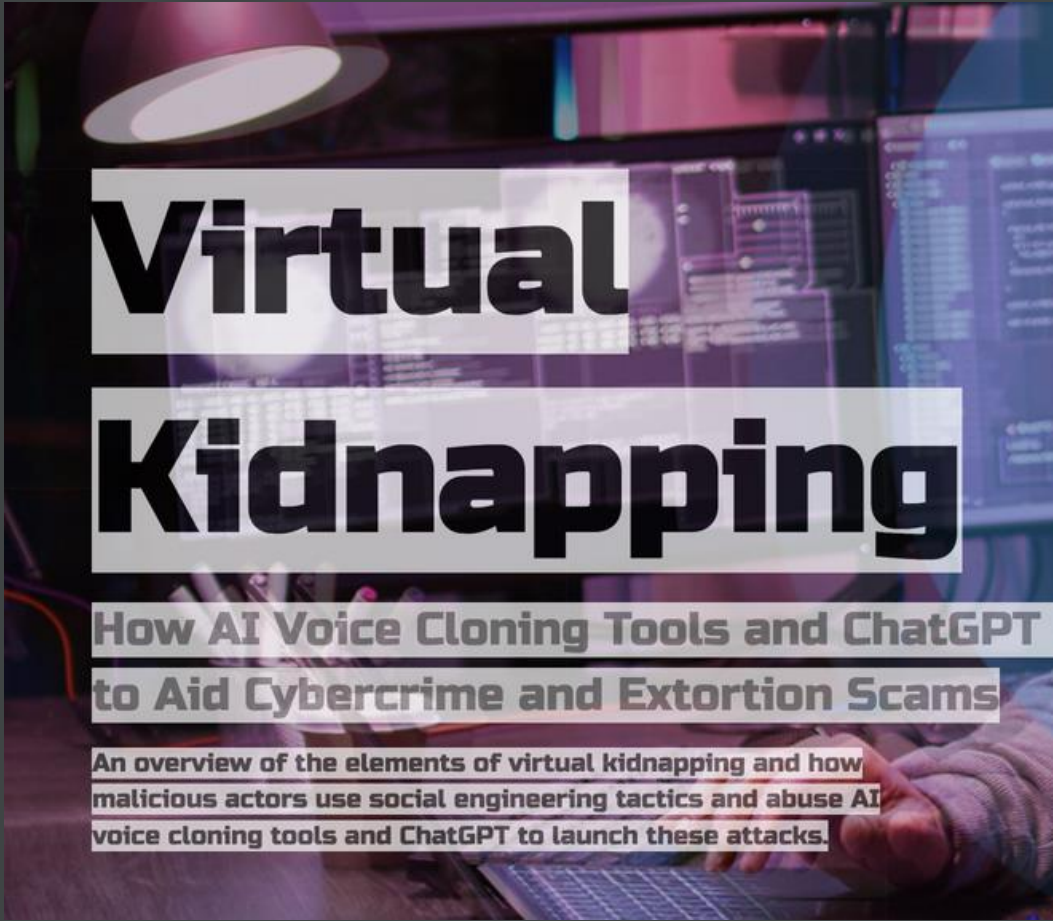


SOURCE: BUSINESS INSIDER/ REUTERS

EXAMPLES/ USE-CASES ON HOW IT CAN AFFECT THE ‘PERSON’

I HEARD IT THROUGH THE FAKEVINE...

KIDNAPPED



SOURCE: THE SUN & TREND MICRO

CAR ACCIDENT



SOURCE: NY POST

HOUSE DEPOSIT



SOURCE: NEWS.COM.AU



**WHY SHOULD
THIS MATTER
TO YOU...**

**THE CYBER SEC
GURU'S**

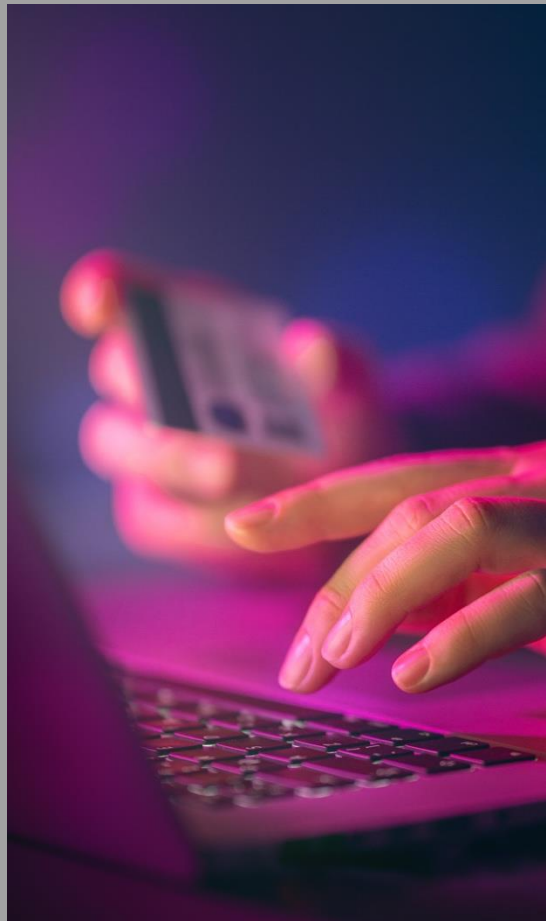


BROADER

► **IMPLICATIONS**

WHAT WE NEED TO WATCH OUT FOR IN THE FUTURE

THREAT TO TRUST AND
VERIFICATION



SUPER CHARGE SOCIAL
ENGINEERING



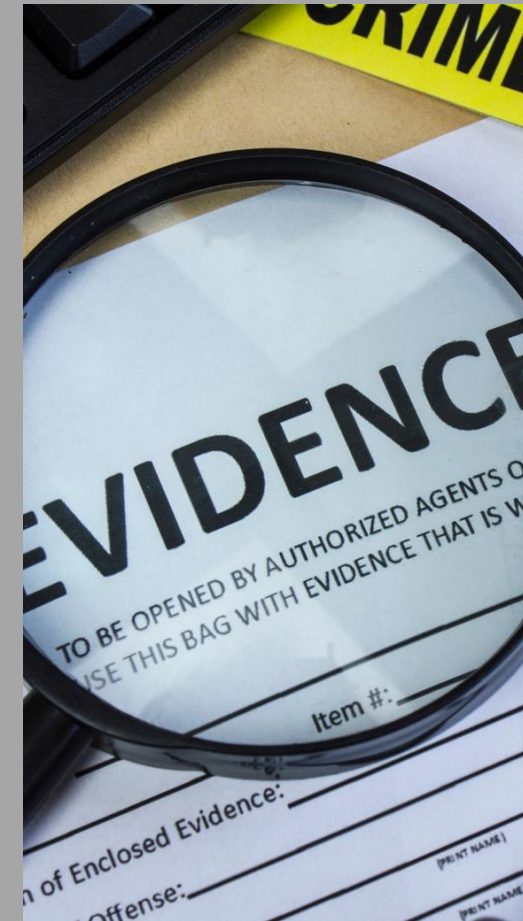
EXPLOITING
AUTHENTICATION
SYSTEMS



WEAPONISING
DISINFORMATION



FORENSICS AND
INCIDENT
RESPONSE



FUTURE-
PROOFING STRATEGIES





YOUR



ASSIGNMENT

IF YOU CHOOSE TO ACCEPT IT

PICK IF YOU DARE



ONLY THE BRAVE SHALL CHOOSE

TECHNOLOGY
RESEARCH



LEGAL AND ETHICAL
DIMENSIONS



REAL-WORLD
INCIDENTS



SOCIAL AND
PSYCHOLOGICAL
IMPACT



CYBER SEC
IMPLICATIONS



PICK IF YOU DARE

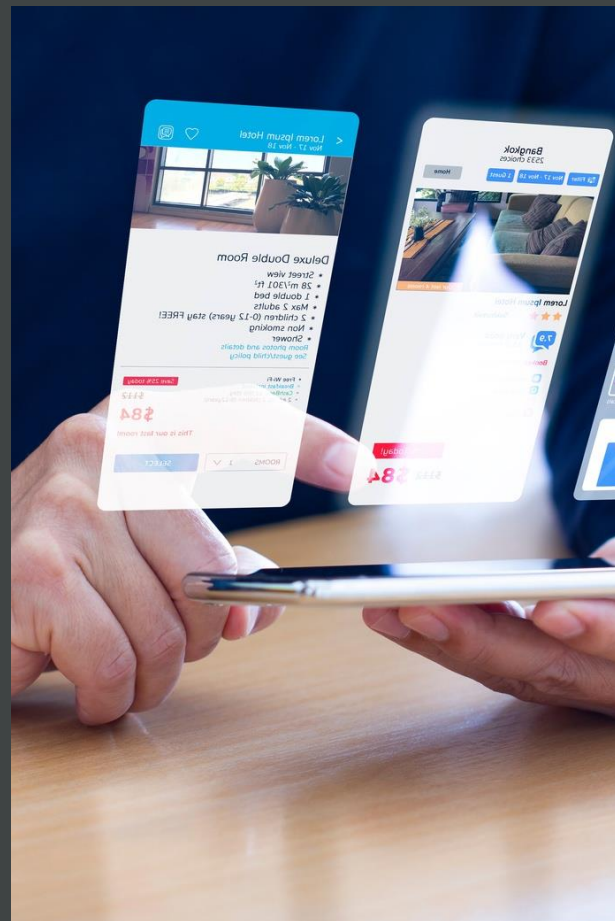


WHAT'S BEHIND DOOR NUMBER...

CREATIVE AND AWARENESS ACTIVITIES



INDUSTRY-SPECIFIC APPLICATIONS



TOOLS AND SKILLS DEVELOPMENT



COLLABORATIVE ASSIGNMENTS



INNOVATIVE SOLUTIONS



A QUICK RECAP

OF EVERYTHING WE SPOKE ABOUT TODAY



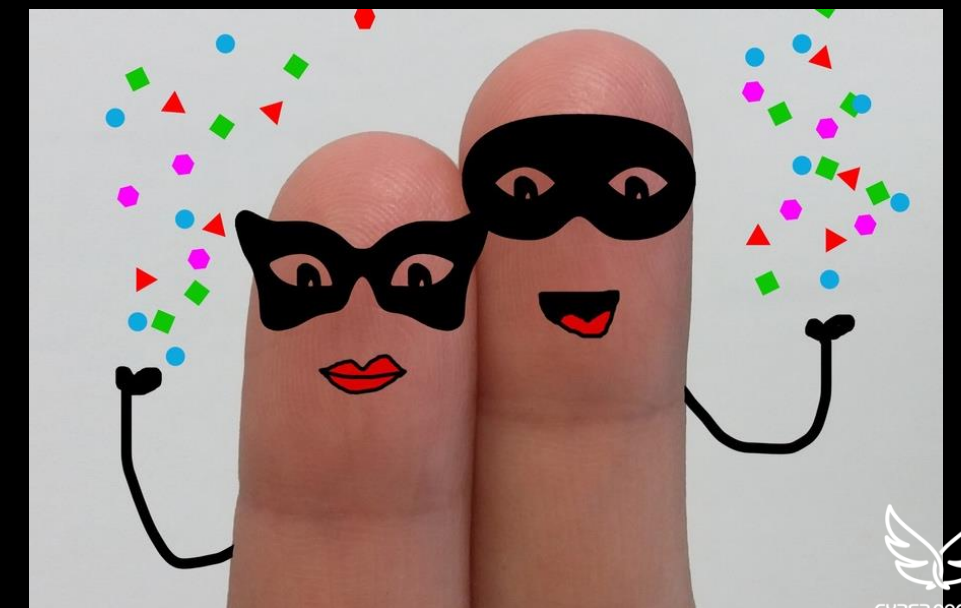
**DEEPPAKES, VOICE RECOGNITION
& HYPER-REALISTIC AI**



**HOW THEY'RE BEING USED
FOR FRAUD**



**COLLABORATION AND KNOWLEDGE-
SHARING**



Changing behaviour ONE CYBER SNIPPET AT A TIME.

Contact us:



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Cayley Jorgensen

 IngageSupport



CYBER
CULTURE 
ALLIANCES