AIMagical, Inc

A Startup Studio Productizing at the Speed of AI ∞

Yosun Chang. May 23, 2023.
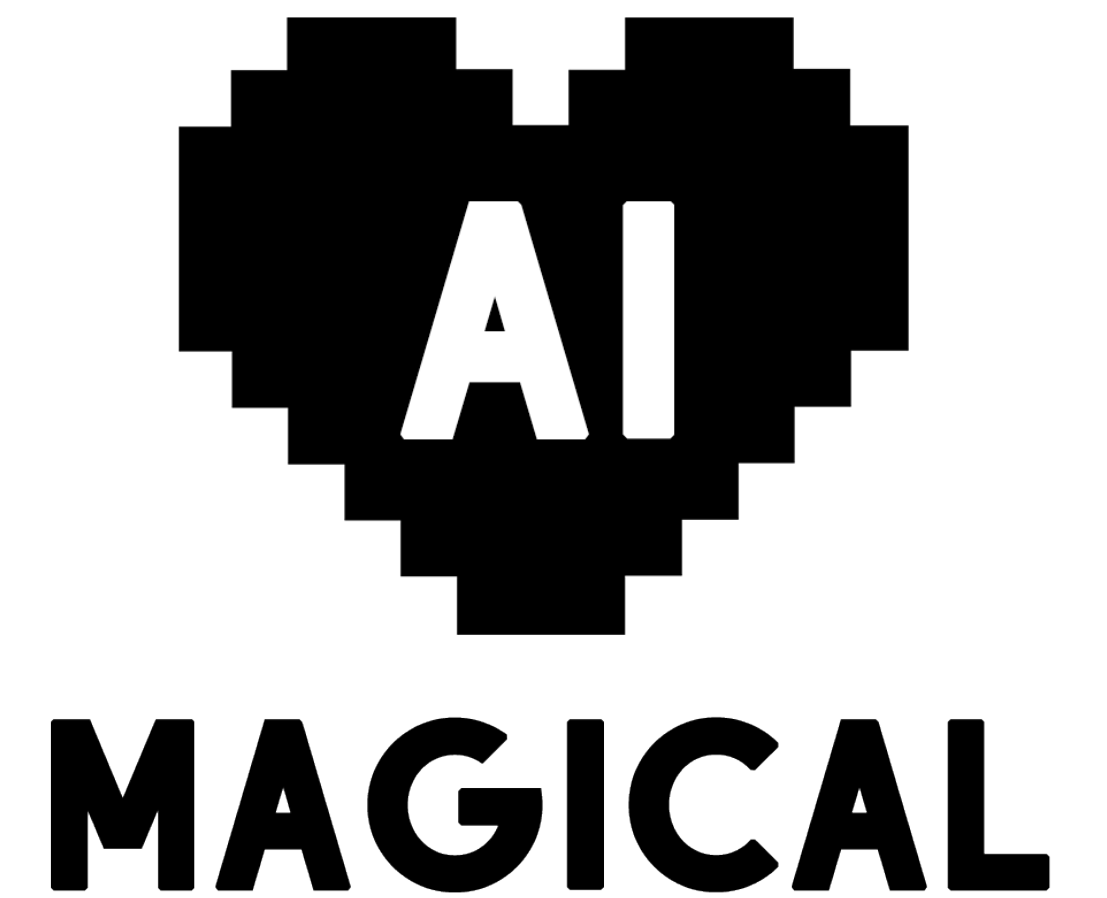
Yosun Chang. May 23, 2023.

Problems: Existing Startup Studios Cannot Keep Up with AI

- AI is moving fast enough that we can create new billion dollar businesses, powered by AI, every second. However:

- Existing startup studios are too dependent on the limited speeds of existing startups.

- Startups become myopic in focusing on one vertical, when the same software can be applied to create multiple other businesses.

  - Too slow to pivot in changing conditions - or to embrace new markets.

  - No infrastructure support to expand to other verticals, missing market opportunities

Solution: Build Startups in Parallel, Strategically
Strategic unified models: different frontends and verticals

- For every AI model with solid potential, create a new "Startup Silo" powered by generalized versions of the model software

- Software that is not limited by business myopia

- Execute N different businesses in M different verticals.

- Integrate new state of the art models as they arise, execute new businesses or integrate in existing software.

- New Tech + Strategic Fit + Secret Sauce => New Startup with Moat

Secret Sauce: YOSUN CHANG

Highlights of proven track record of turning emerging tech into award winning software

Crazy Idea + Time Constraints to "hack it out" into a working v0 MVP app

- May 2023: Napkinmatic AppMode 3D is selected to present at SIGGRAPH Real-Time Live 2023 - digital 3D modeling using a piece of paper as interface: turn your sketch into a 3D model and use words to texture it.
- March 31 2023: Napkinmatic is one of top 10 AI apps to demo at WoodstockAI!

- March 2023: Paper Set Multiplayer (Napkinmatic SDK) wins Founders Inc AI Games Hackathon @ GDC

- 2020: DrawmaticAR wins SIGGRAPH Real-Time Live Audience Choice (Best of SIGGRAPH) - auto-magically turn what your kid writes on real paper into a 3D AR animated scene!

- 2018: faceStylr wins TechCrunch Disrupt Hackathon Grand Prize - face-oriented AR e-commerce platform lets you style your face and share your look and beyond.

- 2017: DC Scene It wins Warner Brothers Shape Hackathon Grand Prize building the world's first ARKit (beta) DC Comic Heroes Gif Movie Recorder AR Effects app

- 2016: CircuitryIoTAR wins AT&T IoT Hackathon Grand Prize for building an AR display for your RaspPi

- 2016: PointShop.space wins TechCrunch Disrupt Hackathon Grand Prize - World-facing AR e-commerce platform lets you shop anything you see and upsells by augmenting relevant accessories

- Multiple Prizes for building the first apps for Intel Perceptual Computing, Real Sense, Google Glass, Project Tango, etc
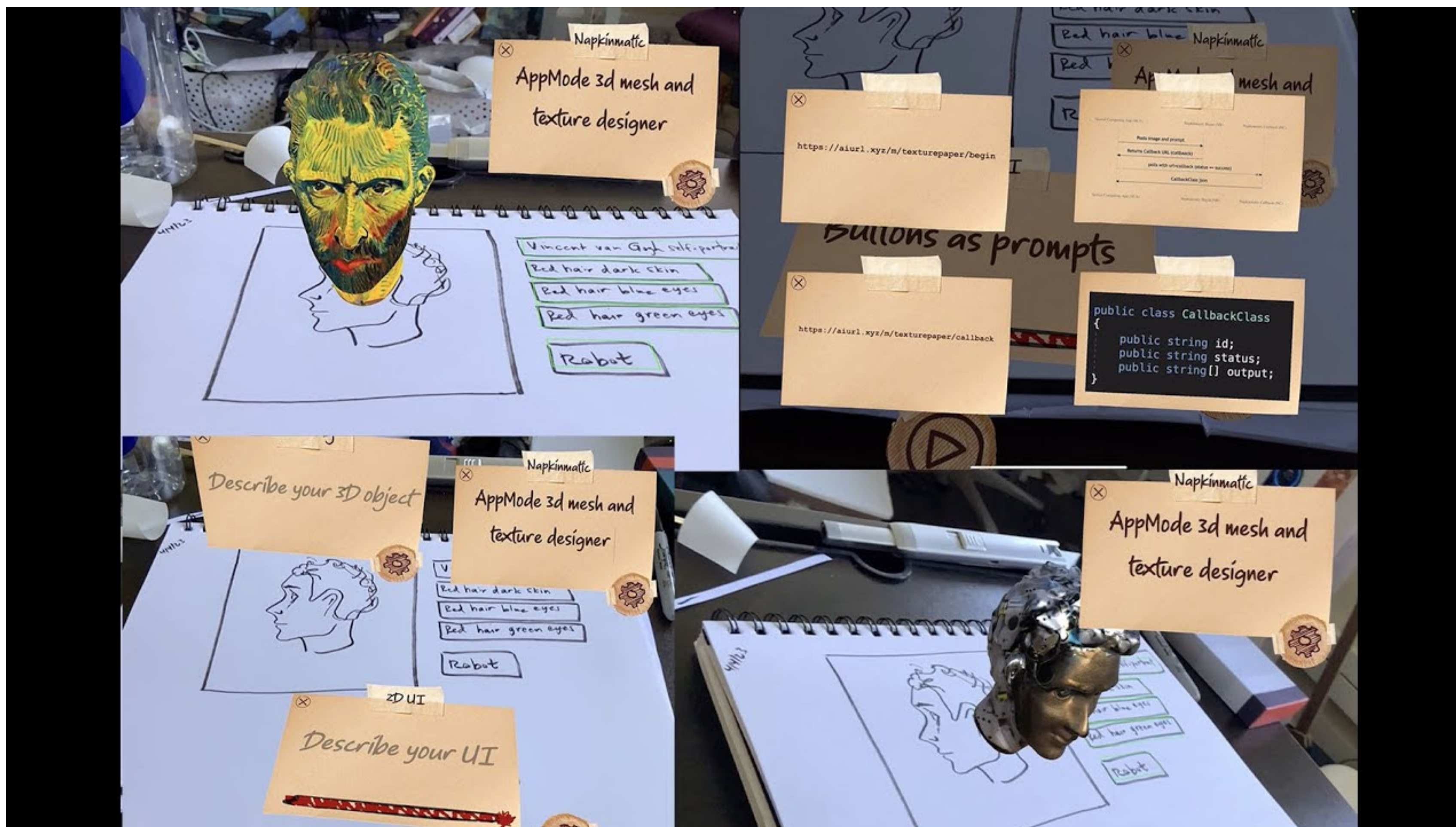
The First 10 🖤 AI MAGICAL Companies

Napkinmatic
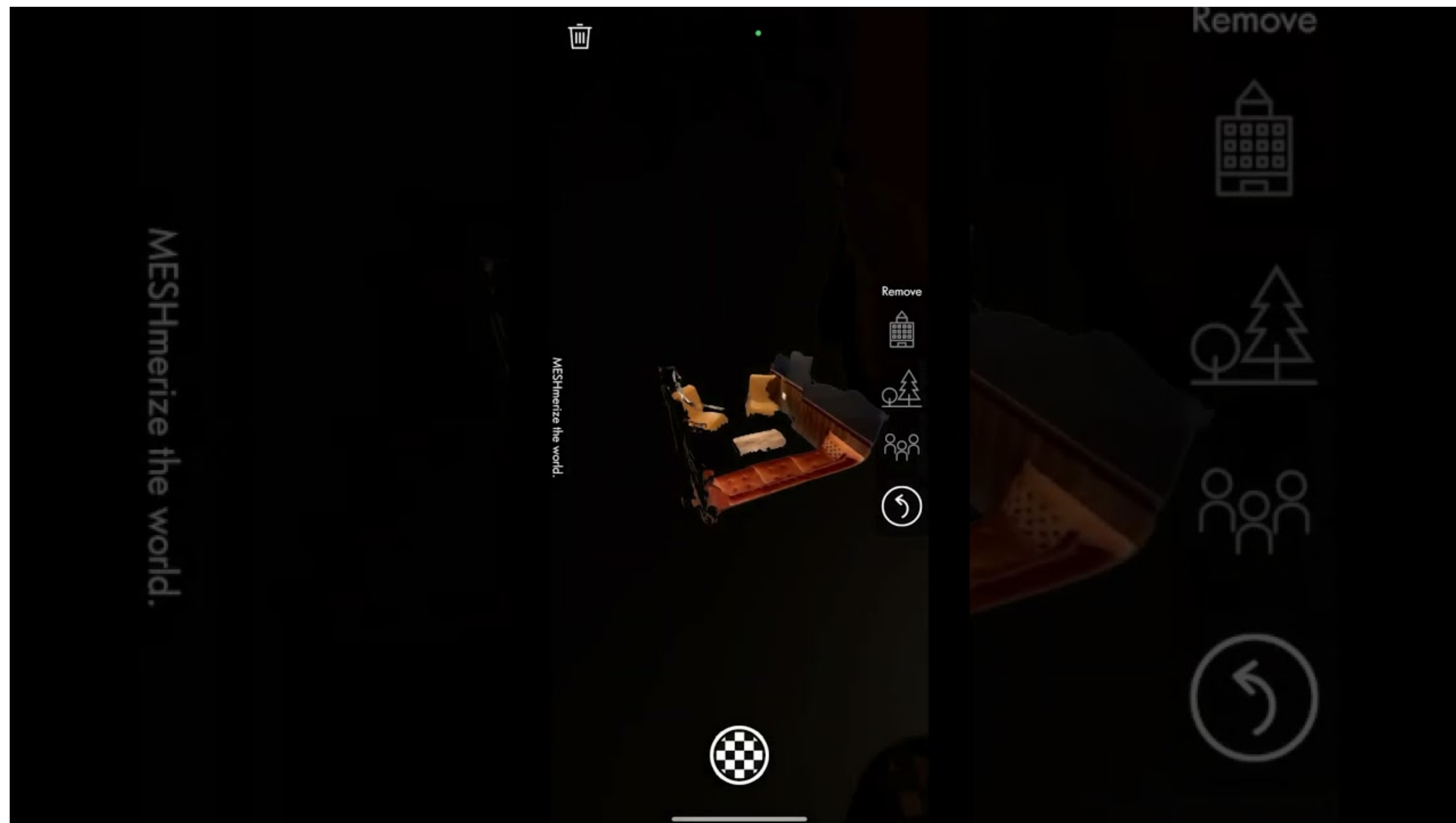## Napkin Sketch to Masterpiece - Auto-magically

Napkinmatic Platform: App Mode and beyond
Extensible Spatial Computing for AI + Any API

MESHmerize.xyz

Platform that lets you replace the real world by AI re-texturing it!

earrings.ai
AI design your own earrings - gamified!

Leggings.ai + hijab.ai + mousepad.ai (etc)
AI designed apparel, best on-demand creation software, and beyond.

cam corgi painted by rembrandt

Leggings.AI

Leggings.ai

I want to be the first to create the cutest custom leggings... automagically!

* Sign up with your email:

[your@email.com]   **Let me create! →**

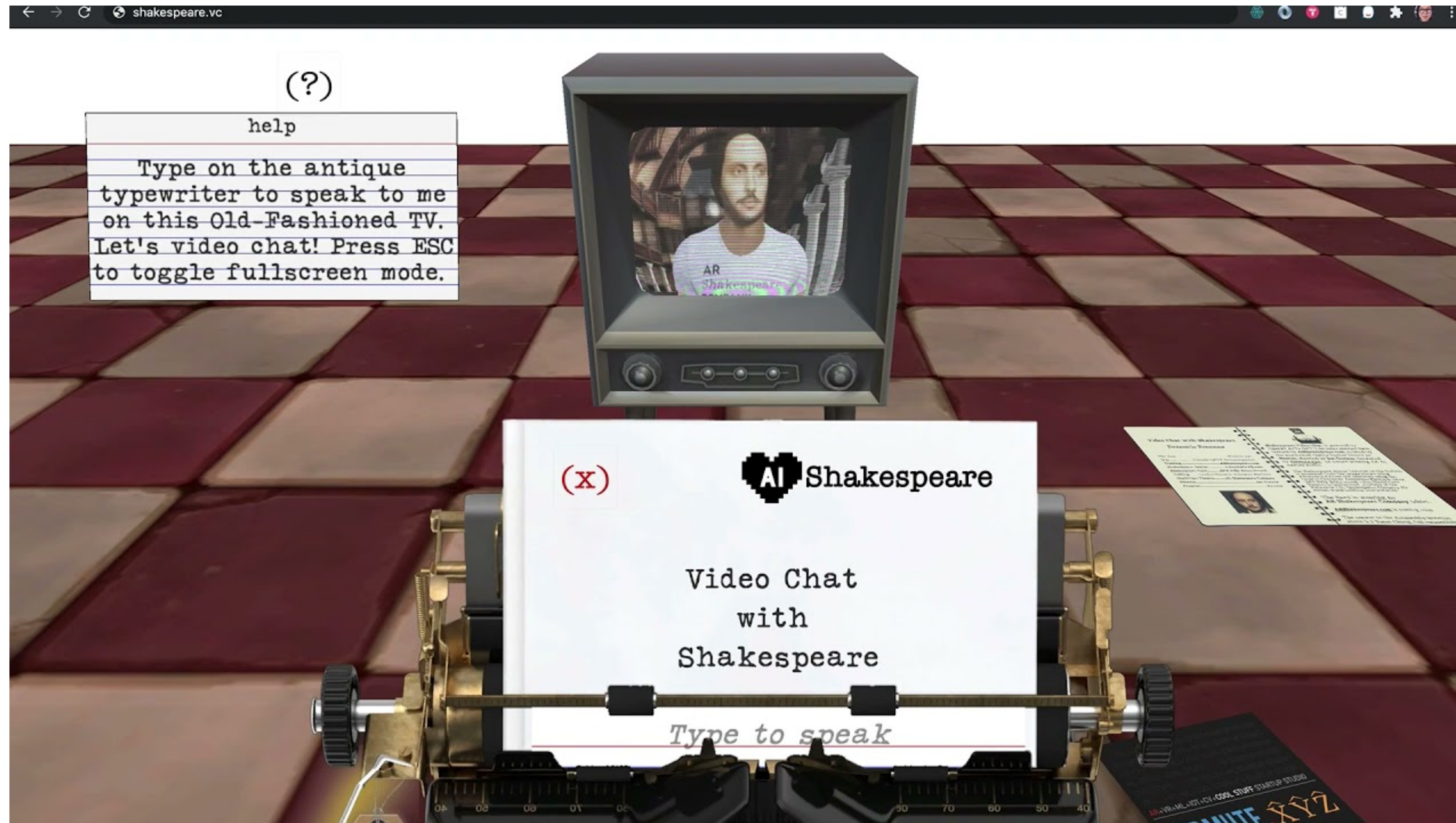Subscribe to get the private beta invitation.

© 2023 Leggings.ai

Shoematica

Shoe designer game that lets you use AI to design your own dream shoes

Shakespeare.vc (and Character3D)
Realtime 3D agents - with distinctive character

holoYummy

The world's most delicious food holograms / 3D scanned food archive

faced.io
Entire suite of face apps we made…

- ActormaticAR - design your AR talking 3D actor from describing it

- faced.io Character Animation Platform, also kid-product-izable
- faceStylr - TechCrunch Grand Prize 2018
- faceshop - Photoshop for face AR effects
- face mask designer

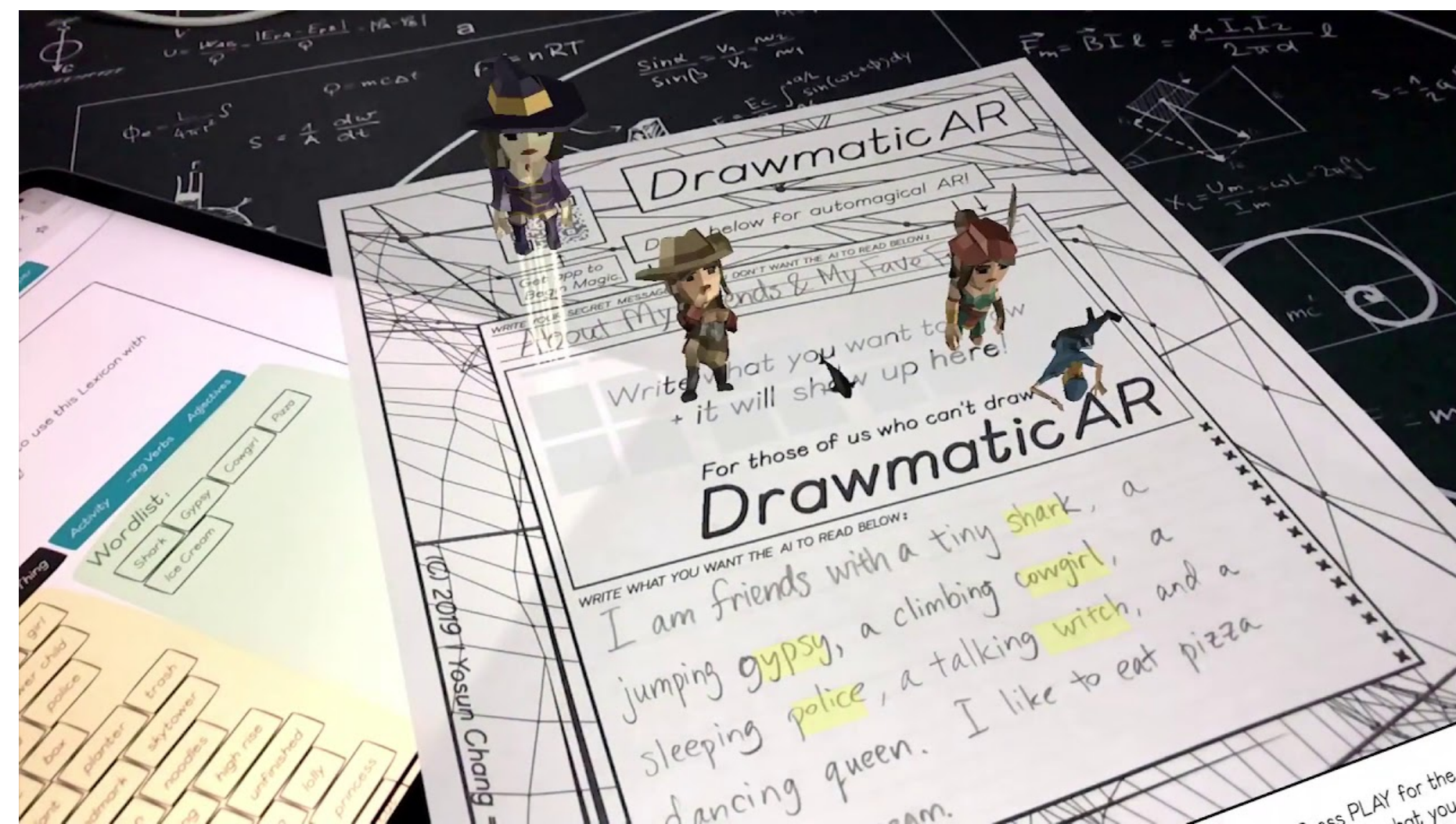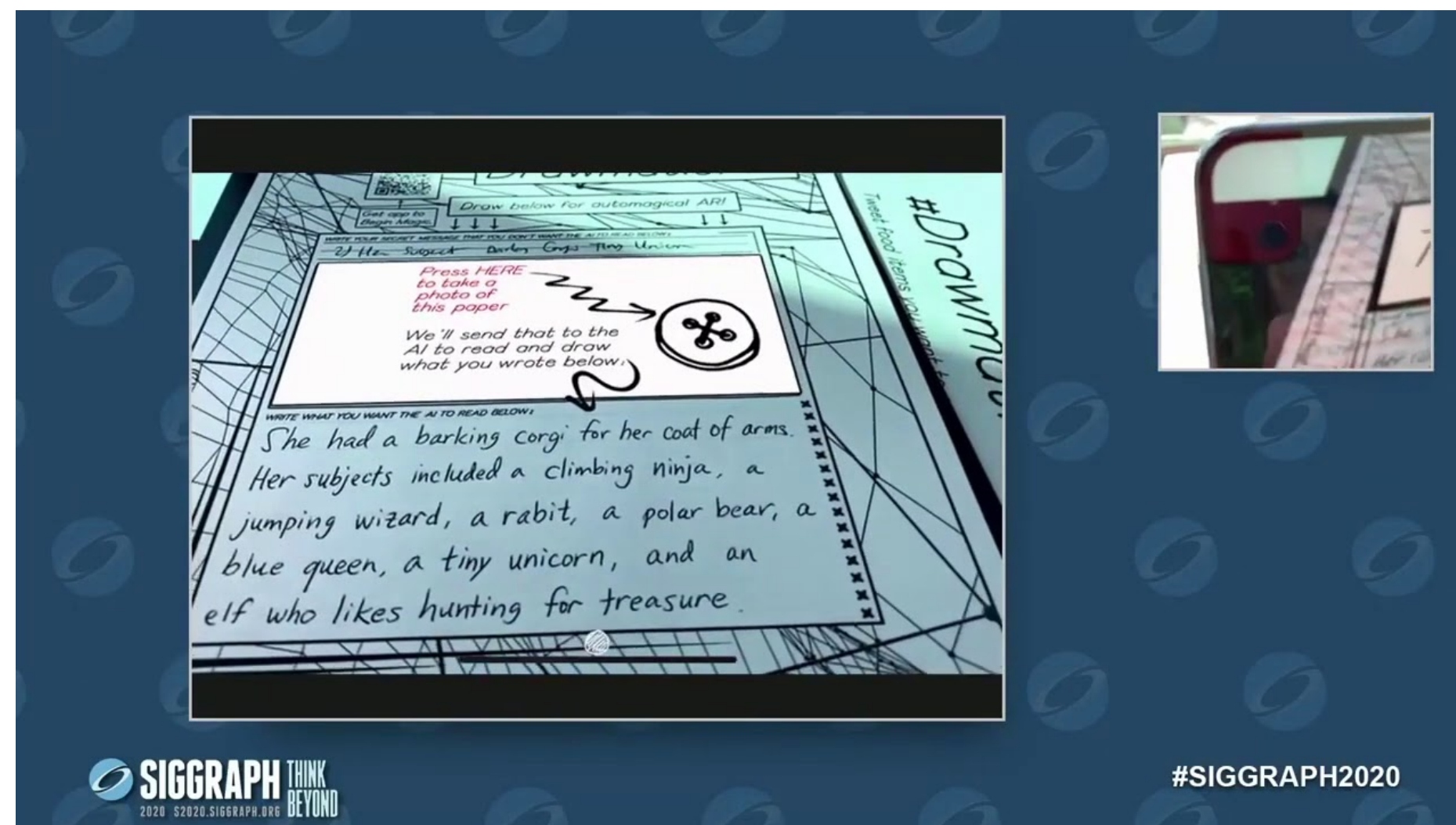- faceShare - a platform that lets you share your face

realtime3D.xyz
Maintenance Foundational Technologies Enabling Realtime Magic

- This suite of technologies has been used in creating many of these projects as well as several client projects

DrawmaticAR
SIGGRAPH Real-Time Live Audience Choice 2020

Other Deck Variations

Problem: Too Many Random AI Startups
Especially when many of them are based on the same AI model.

- There seems to be at most P usable models that everyone bandwagons on.

Solution: Build Platforms for NxM+ Startups Simultaneously

N different businesses in M different verticals from one+ AI model

Transforming Industries through AI Innovation
Era Breakthroughs by Enabling Ubiquitous Human Potential

Fire. Commerce. Industrial Revolution. Globalization. Imagination Age.

We learned from the age of social media that everyone's dream job is to be a "Creator" - but, quite seriously, who cares about social media?

What if anyone could create what they actually want - at the speed of thought? What if anyone could start their own business selling what they create?

From custom everyday attire to useful manufactured products - things that humans need in the real world.

What if manufacturing volume could be brought to local on-demand creation. A world where mass production and global waste aren't necessary evils.

Traditional Startups and Startup Studios
Speed Limits from Antiquated Forms of Thought

- Antiquated Systems that rely on stochastic mass human capital: hire 1000 engineers and hopefully one of them can get the actual job done.

- Focusing on The One Thing = Lack of Agility: Adage-driven infrastructure makes necessary pivots hard

- Siloed Approach: Lack of knowledge sharing even when it is nearly commodity

- Waste and Inefficiency: Lost knowledge and IP

- Underutilization of Human Potential: Skills mismatch, needs overcoming resources, etc.

- Limited Creativity

- Slow Decision

A Startup Studio Advancing @ the Speed of AI

Unleashing Human Potential through Unusual Deep Technical Expertise and Product Intuition

Full Cycle Shared Business Infrastructure
Nothing Done Ever Goes To Waste.

Creative Capital investment with 100% software development support:
IP "seeded" to each company and technologies priced at a "rental rate"

If a company dissolves, the technologies go back to the mothership.

Maximizing Impact with Minimal Budget
Extreme Expertise in Leveraging Limited Resources to Excel

Recognized Excellence in Technological Innovation

Disruptive Solutions

Unlocking Growth Potential

Team: Human + AI

Appendix 0:
Problems

Appendix I:
Collaborators

Yosun and her AI Team