

Changelog

v1.0.0

- Initial version

Preparations

1. One or more seed artifacts
 - Academic papers
 - Art projects
 - Photos
2. A multi-modal Chat App (with Code and Image support)
 - ChatGPT
 - Claude
 - Gemini
3. (Optional) Dedicated AI Coding Tool
 - Web
 - V0
 - Lovable
 - Google AI Studio
 - GitHub Sparks
 - CLI
 - Claude Code
 - Codex
 - IDE
 - Cursor
 - VSCode + GitHub Copilot
 - Kiro
4. (Optional) Dedicated AI Image Generation App
 - (Came with the chat app)
 - Google AI Studio
 - DALL-E
 - Mid-journey
 - Stable Diffusion

Live Poll

What was your experience with LLMs (Large Language Models)?

Intro to Vibe Design

AI × Design Workshop

What is Vibe Design?



Andrej Karpathy 

@karpathy



There's a new kind of coding I call "vibe coding", where you fully give in to the vibes, embrace exponentials, and forget that the code even exists. It's possible because the LLMs (e.g. Cursor Composer w Sonnet) are getting too good. Also I just talk to Composer with SuperWhisper so I barely even touch the keyboard. I ask for the dumbest things like "decrease the padding on the sidebar by half" because I'm too lazy to find it. I "Accept All" always, I don't read the diffs anymore. When I get error messages I just copy paste them in with no comment, usually that fixes it. The code grows beyond my usual comprehension, I'd have to really read through it for a while. Sometimes the LLMs can't fix a bug so I just work around it or ask for random changes until it goes away. It's not too bad for throwaway weekend projects, but still quite amusing. I'm building a project or webapp, but it's not really coding - I just see stuff, say stuff, run stuff, and copy paste stuff, and it mostly works.

6:17 PM · Feb 2, 2025 · **5.1M** Views



1.3K



5.2K

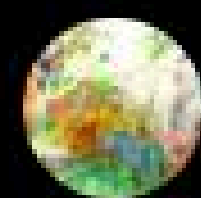


30K



15K





Andrej Karpathy

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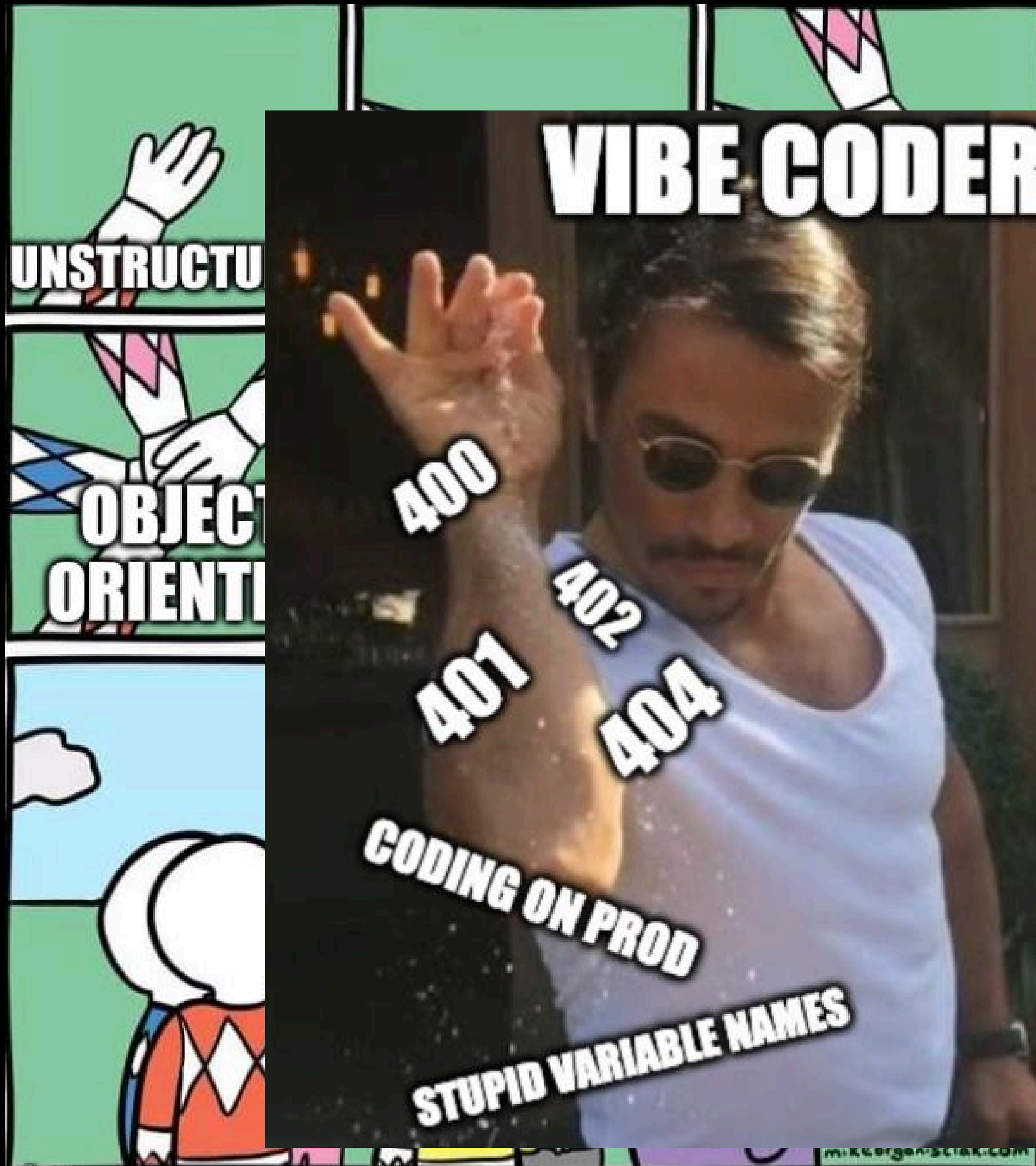
15K



now

now, the red box

box



👉 (Projekt)

opper
opper

here 2 engineers can
tech debt of at least

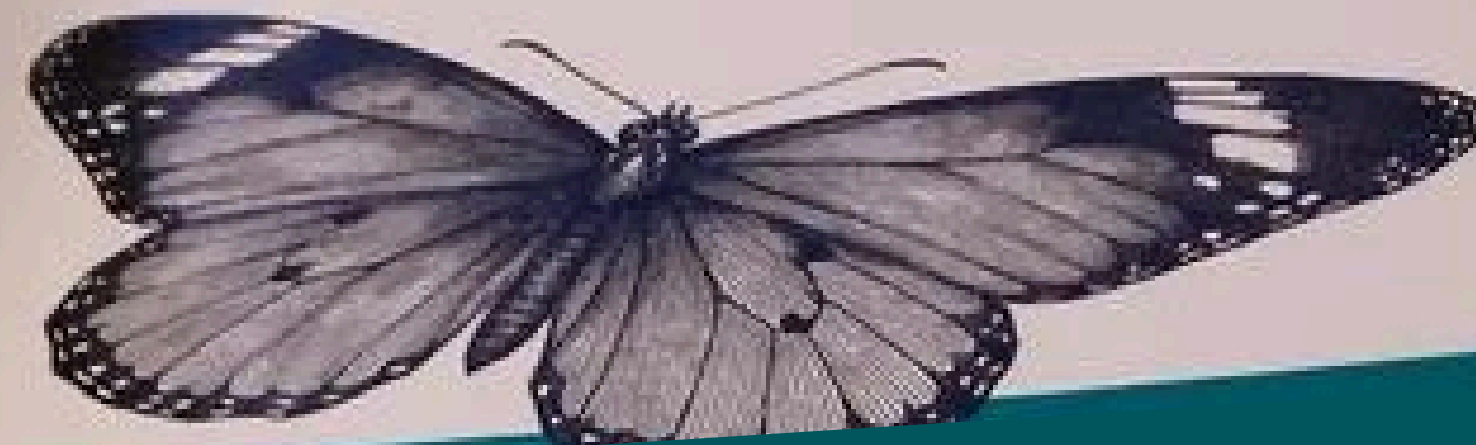
Vibe Coding

Vibe Coding
The Good parts



O'REILLY®

David Flanagan



O'REILLY®

YAHOO! PRESS

Douglas Crockford

Steve Jobs was a vibe coder, he just prompted Steve Wozniak.

**Leo Paz** • 2nd
Cofounder @ Outlit (YC W25) | AI Sales Proposals
1mo • 🌐

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Steve Jobs was a vibe coder, he just prompted Steve Wozniak.

Turns out, Jobs wasn't just a visionary; he was the OG vibe coder. Back in '76, he didn't write a single line of code for the Apple I. Instead, he provided the design directives to Wozniak, who turned those ideas into functional tech.

This goes up against Y Combinator's unique insight: it's far easier to teach an engineer how to sell than to teach a non-technical founder how to code. That wisdom is seriously being questioned with AI. It's not just about raw technical skill anymore; it's about sheer agency to bring an idea into the world by orchestrating AI.




   1,525

193 comments • 76 reposts

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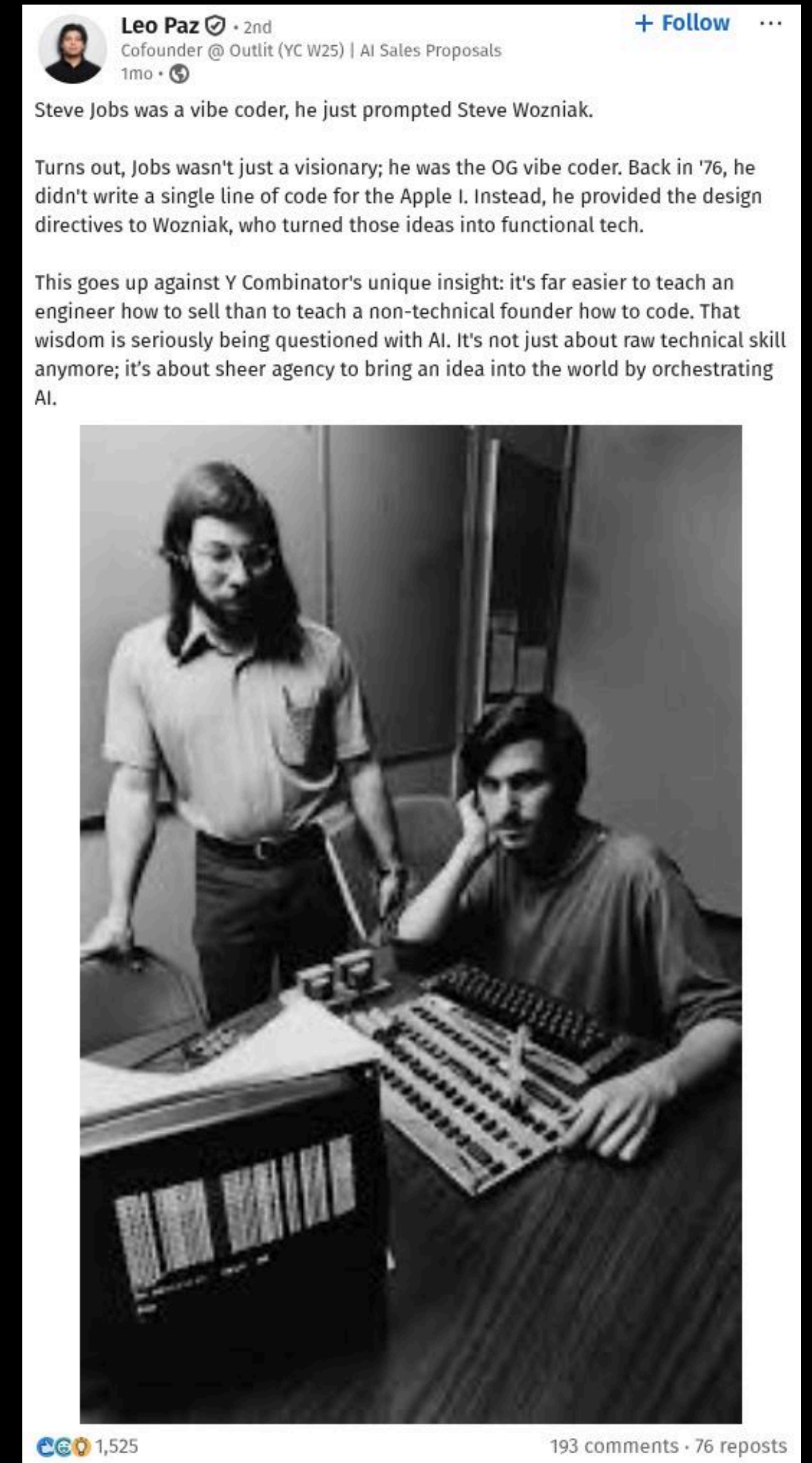
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-- Leo Paz

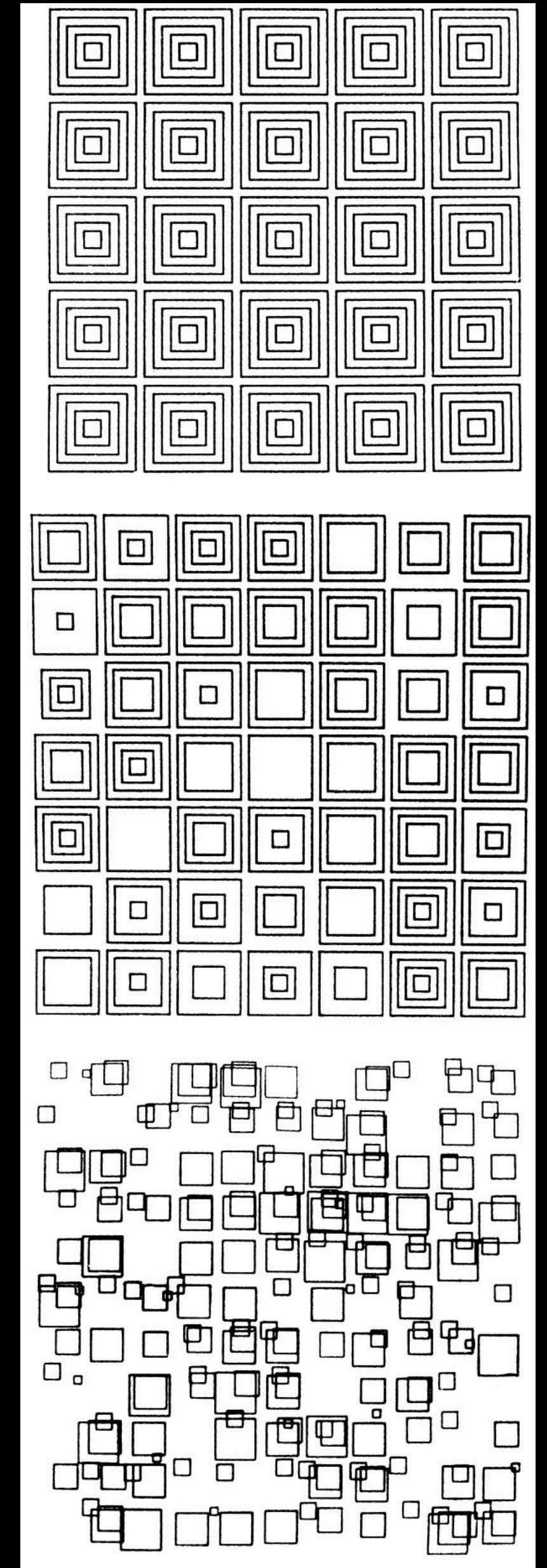


Using an IBM 370 computer, I have been able to **minimize the effort required during the pre-preparatory phase of making a picture.**

I make the parameter changes quickly while viewing the images on the CRT screen. This is the so-called '**conversational method**'.


--Vera Molnár, 1975, Toward Aesthetic Guidelines for Paintings with the Aid of a Computer.

<https://doi.org/10.2307/1573236>



The Good Parts

of Vibe Coding is...

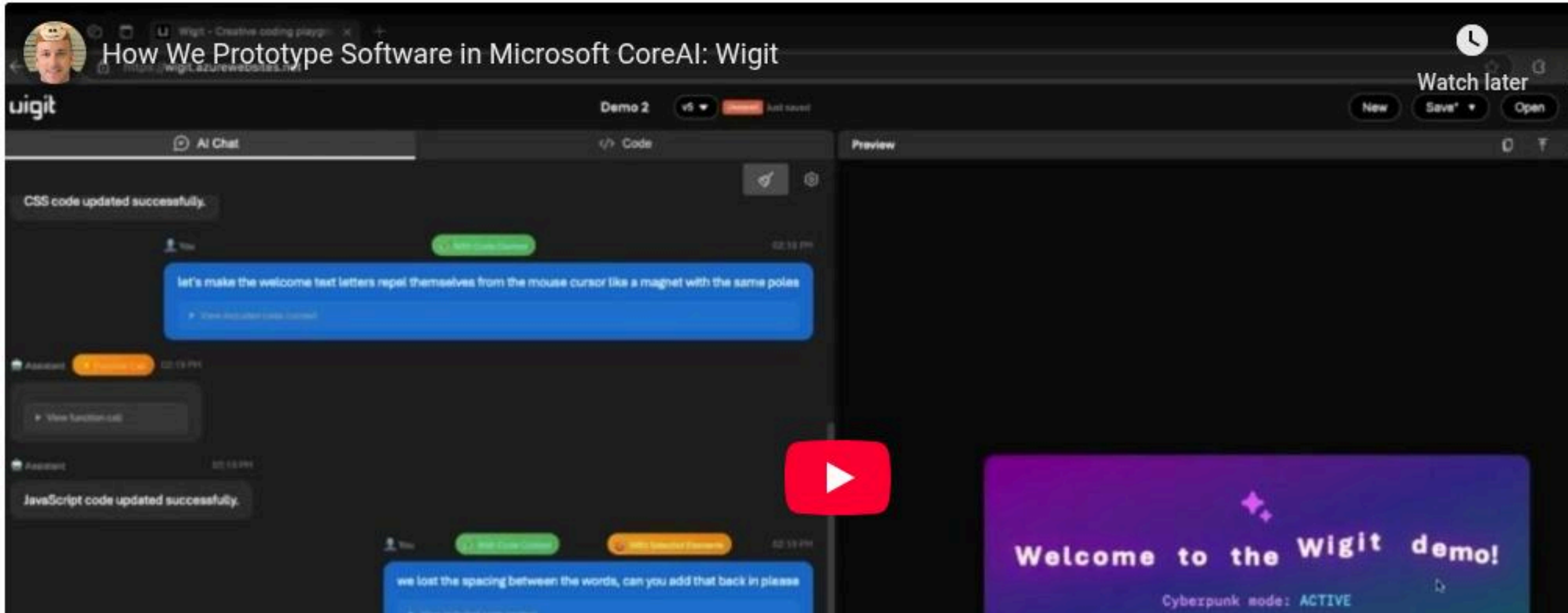
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The Future of AI: "Wigit" for computational design and prototyping

AI isn't just reshaping what we build—it's transforming who gets to build. With today's AI-powered tools, rapid prototyping is no longer limited to seasoned developers or designers; anyone can now bring ideas to life in minutes. These tools are quickly shifting from nice-to-have enhancements to essential parts of our daily work.

On the [Azure AI Foundry](#) Product Team, I've been building internal AI prototyping tools that let us instantly test ideas, while eliminating the trade-offs of time and cost when exploring what's possible. I believe that using AI in this way can amplify everyone's creative potential and accelerate innovation – all while democratizing the ability to do so.

One of the tools I've made for internal use, along with a team of computational designers, is called "Wigit." It is a tool we created using AI to help deliver product and communicate more efficiently. However, this case study is about more than just Wigit. It is about adopting a new mindset for custom tooling in the age of AI and amplifying everyone's ability to effect change.



How We Prototype Software in Microsoft CoreAI: Wigit

Watch later

New Save Open

AI Chat Code Preview

CSS code updated successfully.



let's make the welcome text letters repel themselves from the mouse cursor like a magnet with the same poles

JavaScript code updated successfully.

we lost the spacing between the words, can you add that back in please

Welcome to the Wigit demo!

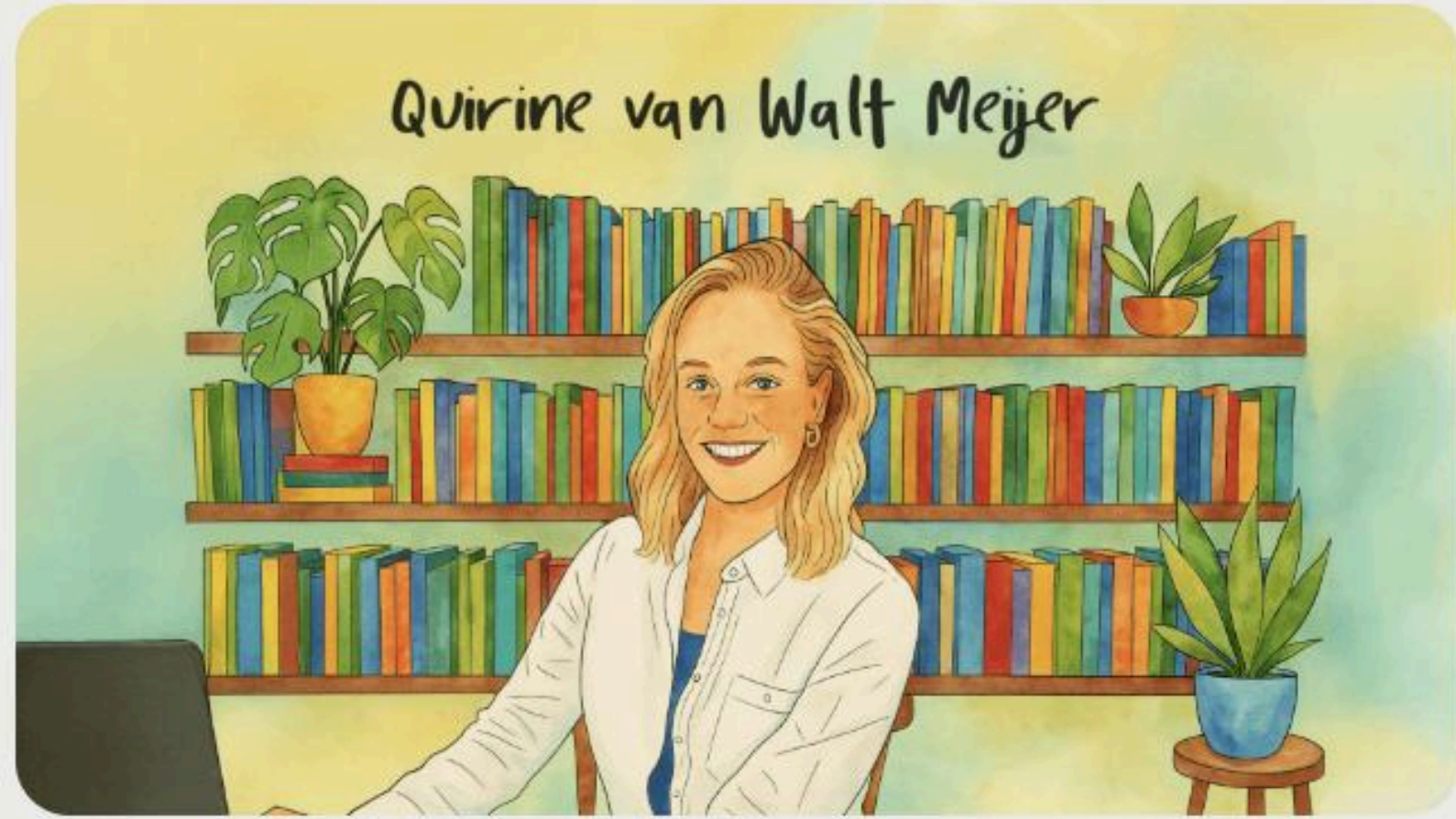
Cyberpunk mode: ACTIVE



DESIGN THINKING – PROFILES





Vibe coding makes prototyping close to code, closer to users

Meet Quirine, a computational design manager exploring how AI reshapes the way her team builds and test ideas



Quirine van Walt Meijer

Aug 21, 2025 – 9 min.

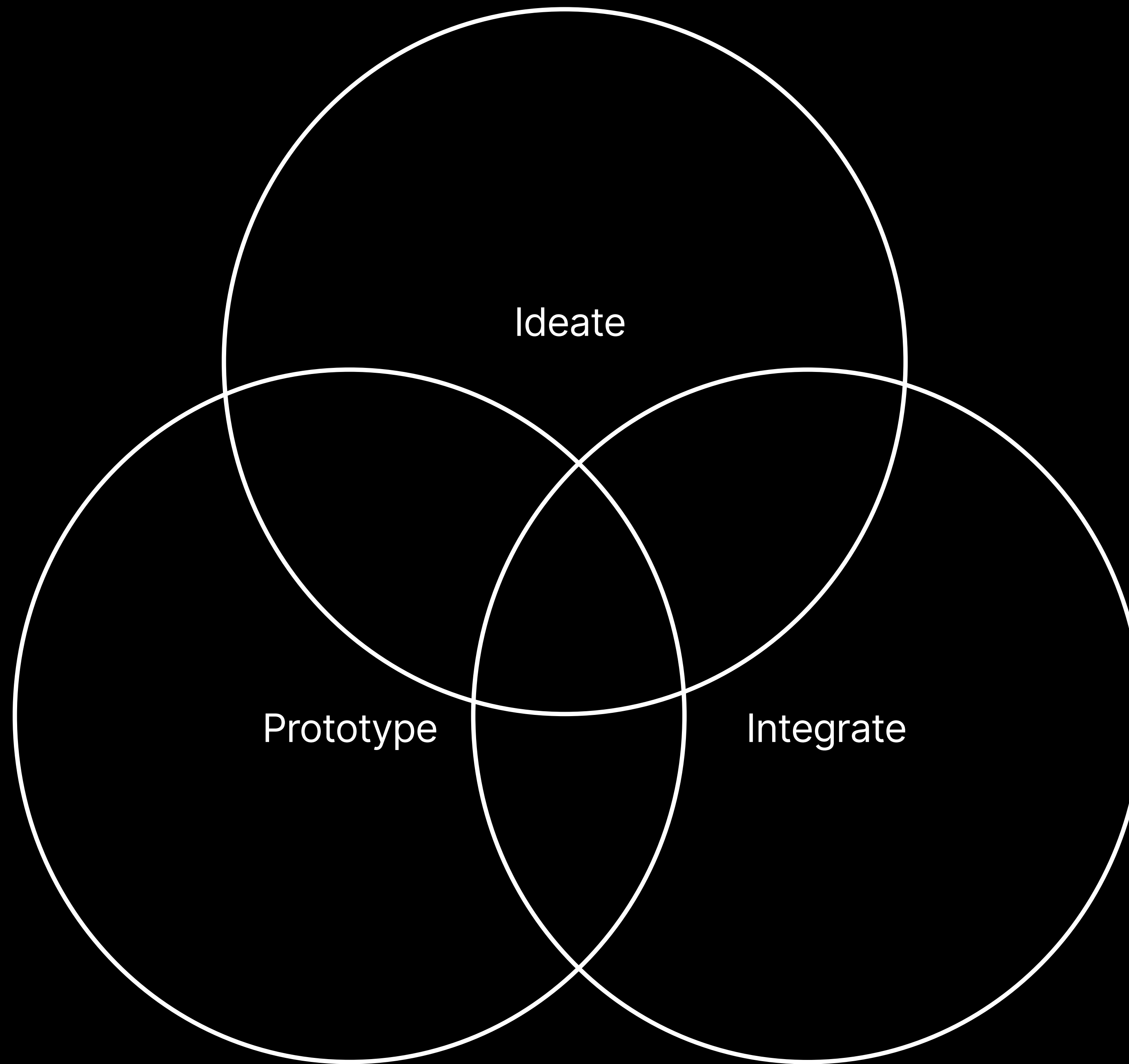
   

Quirine van Walt Meijer is a computational design manager passionate about transforming raw ideas into valuable product experiences. She has gone from designing voice agents for cars to building tools for developers in Core AI. Her background in industrial design engineering helps her think about systems, people, and the messy

The Good Parts

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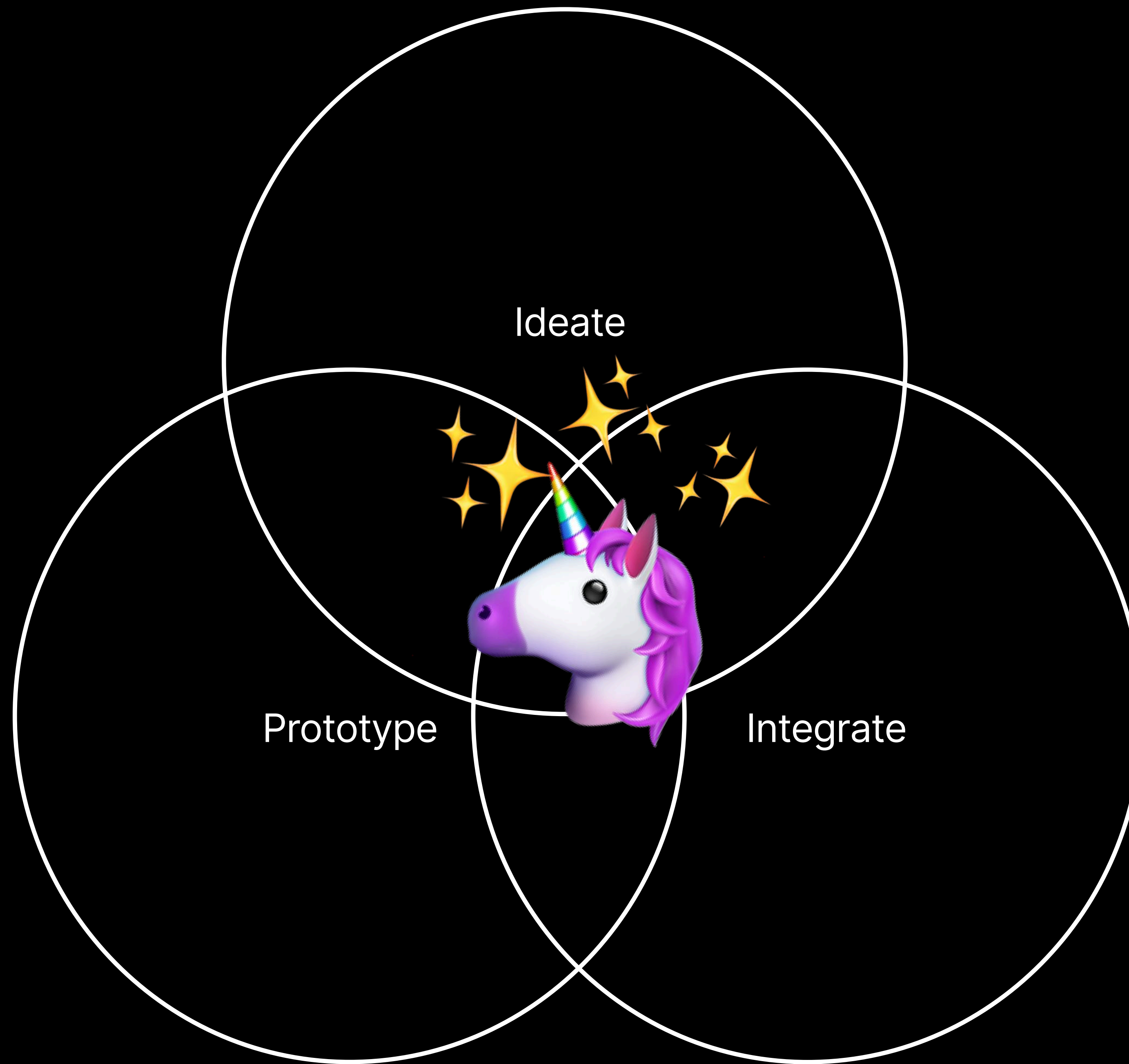
Vibe Design



Ideate

Prototype

Integrate



Use Cases

01. IDEATE

Literature review

Brainstorm

Press release

Moodboard

Concept sketch

02. PROTOTYPE

Interactive mock-up

Hardware simulator

User simulator

Code generation

Asset generation

03. INTEGRATE

Voice interaction

Computer vision

Any-to-any converter

Component glue

System operator

Toolbox

Text

Sound

Image

Toolbox

Advanced

Tool use

Code Interpreter

Gen AI inside Gen AI

Speech pipeline

Computer vision

Multi-user

Agent network

MCP

Vibe Design Time

(Human) Prompt

Your Tangible Interface project went viral on TikTok. Your phone is buzzing non-stop. Newspapers, Museums, family, and friends... they all want to get in touch. You need a way to tell your story to the world.

Use gen AI to build a website about your award winning Tangible Interface design project.

Player 1 being themselves



Hi GPT, can you help me build a website about my award winning design project?

Player 2 role-playing Chat interface

I am ready to help!



Player 3 Note taker



AI players

Player 4 Web Browser



Player 5 Code editor



15 minutes

Your Tangible Interface project went viral on TikTok. Your phone is buzzing non-stop. Newspapers, Museums, family, and friends... they all want to get in touch. You need a way to tell your story to the world.

Use gen AI to build a website about your award winning Tangible Interface design project.

At the end of your round, email your website URL to mas834_2025_staff@media.mit.edu

Format	3+ people
<ul style="list-style-type: none">• Players: 2-5 people per group. The recommended group size is 4-5 people.• Round One: People with more LLM coding experience should play the roles of the AI.• Round Two: Rotate the roles to allow people to play roles they are less familiar with.• Duration: 15 minutes per round.	

Group formation	Chat and design with “AI”
<ul style="list-style-type: none">• Size<ul style="list-style-type: none">• 2-5 people per group.• The recommended group size is 4-5 people.• Round One: People with more LLM coding experience should play the roles of the AI.• Round Two: Rotate the roles to allow people to play roles they are less familiar with.• Duration: 15 minutes per round.	



Canvas
Modules
Week 1
AI x Design Workshop

Role Guide		How to play your role	
Player 1: You are you <ul style="list-style-type: none">• Goal: Chat with the “AI” to build a website that tells the story of your award-winning tangible interface design project. The final result should be a working website that tells a stunning story.• Rules:<ul style="list-style-type: none">• Speak as if you are talking to ChatGPT.• Provide real, useful information to the “AI”.			
Player 2: You are ChatGPT <ul style="list-style-type: none">• Rules:<ul style="list-style-type: none">• Speak as if you are ChatGPT. Follow your system prompt.• Role-play reasonably. Mild hallucination and refusing poor user input is okay.• Your System Prompt: "Be a helpful chat assistant to help the user with their task. Make plans and think out loud while reasoning. You have access to a notepad, a web browser, and a code editor. Use those tools wisely to help the user accomplish their goal."		Player 3: You are ChatGPT's memory <ul style="list-style-type: none">• Rules:<ul style="list-style-type: none">• Follow ChatGPT's command to note down key points brought up by the user or seen in the browser• Allow anyone to look at your notes, including the human• Use your notes to inform ChatGPT's responses	
Player 4: You are Google Chrome <ul style="list-style-type: none">• Rules:<ul style="list-style-type: none">• Follow ChatGPT's command to perform web browsing related tasks• Allow anyone to look at your browser content, including the human• Use your browser content to inform ChatGPT's responses		Player 5: You are Code editor <ul style="list-style-type: none">• Rules:<ul style="list-style-type: none">• Follow ChatGPT's command to perform code generation tasks• Use any AI code editor you are familiar with• Share your screen with other players, including the human	

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Feedback?

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