

# ACM West AI Panel



# John Hauser

**Try multiple tools with exactly the same query. See how the results differ**

Which one do you like best? Why?

## AI evaluation framework

How to decide which tools to use or try?

### What's AI good at?

Brainstorming

Quantity

Summarizing

Where facts/precision don't matter

### Where shouldn't you use AI?

No domain specific knowledge to evaluate the results

## What are you going to do with the time you "save"?

Recent HBR study found time saved not used productively

## How is it easier?

## Resources

Flipboard on iPad - "AI,ML,LLM" magazine/ topic

Zdnet, techradar, newstack

## AI Presentation Tabs

- [John's Ebook Library | Artificial Intelligence](#)
- Charles Fitzgerald's blog - Platformonics  
<https://platformonics.com/2024/04/follow-the-capex-the-clown-car-race-checkered-flag>  
<https://platformonics.com/2024/06/why-cant-oracle-build-data-centers/>  
<https://platformonics.com/2024/12/oracles-data-center-difficulties-fy25-g2/>
- Ed Zitron's blog- Where's Your Ed At?  
<https://www.wheresyoured.at/subprimeai/>  
<https://www.wheresyoured.at/pop-culture/>  
<https://www.wheresyoured.at/power-cut/>
- [15 Times to use AI, and 5 Not to - by Ethan Mollick](#)
- [AI in organizations: Some tactics - by Ethan Mollick](#)
- [Other Prompts — More Useful Things: AI Resources](#)
- [Prophecies of the Flood - by Ethan Mollick](#)
- [Navigating the Jagged Technological Frontier: Field Experimental Evidence of the Effects of AI on Knowledge Worker Productivity and Quality](#)
- [This app makes using Ollama local AI on MacOS devices so easy | ZDNET](#)
- [Bridging the AI Learning Gap – O'Reilly](#)
- [How to try DeepSeek R1 - without the censorship or security risk | ZDNET](#)
- [Microsoft Study Finds Relying on AI Kills Your Critical Thinking Skills](#)

- [How to teach people how to work with AI - Marginal REVOLUTION](#)
- [Gemini 2.0 is shockingly good at transcribing audio with Speaker labels, timestamps to the second; : LocalLaMA](#)
- [SOTA ASR Tooling: Long-form Transcription - by Amgad Hasan](#)
- [GitHub - m-bain/whisperX: WhisperX: Automatic Speech Recognition with Word-level Timestamps \(& Diarization\)](#)
- [These are the 12 most popular AI tools right now, according to a new survey – and rivals are catching ChatGPT | TechRadar](#)
- [From ChatGPT to NotebookLM, these are the 10 best free AI productivity tools to help you get things done | TechRadar](#)
- [How Is Your Team Spending the Time Saved by Gen AI?](#)
- [Allen Institute for AI Released olmOCR: A High-Performance Open Source Toolkit Designed to Convert PDFs and Document Images into Clean and Structured Plain Text - MarkTechPost](#)
- [I Tested ChatGPT vs DeepSeek With 11 Storytelling Prompts — Here's The Surprising Winner](#)
- [How to enable live captions on your Mac | Tom's Guide](#)

## AI Tools

### Mac Live Captions

Unannounced feature recently added

Don't need the latest version of OS

Can't save captions but they work for displaying

### Goblin tools

<https://goblin.tools/Formalizer>

I use this to run draft emails through and have it change the tone of the email...

[goblin.tools](#) is a collection of small, simple, single-task tools, mostly designed to help neurodivergent people with tasks they find overwhelming or difficult.

**Perplexity** - an AI enabled super search engine

**Whisper** - released by OpenAI Sept 2022, 6 months before anyone had heard of their ChatGPT product

## Local AI Transcription/Captioning

Desktop Tower - built in 2018 - repurposed from Access Humboldt in 2021

RTX3060 graphics card added - \$300 in July of 2024

after some China tariffs, but before Biden August 2024 hikes

i7-8700K CPU @ 3.70GHz

6 CPUs 12 Threads

32GB RAM

About 20,000 hours of videos through this machine to produce captions & 10 years of transcripts of local government meetings, 3 years of KZZH-LP podcasts, 3 years of Access Humboldt public access series and 200 personal Youtube channels that I track

36x realtime w medium "English" language model

Linux & Windows use exactly the same program

used to be called "Faster-Whisper-XXL"

<https://github.com/Purfview/whisper-standalone-win>

MacBook Air M2

**Mac Whisper Pro** - \$50 - 1/2 price for non-profits

<https://goodsnooze.gumroad.com/l/macwhisper>

7.4x realtime 7:57 to caption a 59:03 podcast medium model

## AI for Transcription

### Pipeline/Workflow

Caption/Transcribe | Review | Correct | Upload | Distribute

### Batch process

Find all the videos to transcribe

Match file base names against what's already been processed  
Run transcription software against the remaining files  
Backup/ copy transcriptions to shared drive for review/correction/distribution

## **Issues**

Audio Quality - most important!  
Local Pronunciation/Spelling  
Search & Replace words - Arcadia/Arcata humble/Humboldt  
Disclaimer  
What constitutes "Good Enough"? "Reasonable Accommodation"?  
Need for Domain Specific Knowledge to Evaluate Results



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