

Re-framing gig work as piecework

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What I want from you

“Red Teaming”

- If something doesn't make sense, push on it
- Try to think of counter-arguments
- Can't get your comment in now? email/tweet/be creative

Framing

On-demand [contract] work — Awesome!

- Information work (e.g. Innocentive, Amazon Mechanical Turk (AMT)) [4, 13, 18]
- Expansion from information work to other kinds of work (e.g. driving, cleaning, etc...) [9, 23]

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On-demand [contract] work — Not so awesome?

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- This is happening in other kinds of gig work too [5, 8, 15]

Bringing it all together

Research themes

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- *More amazing questions here*
- *This presentation is going really well, isn't it?*

Making sense of new with old

Gig work as piecework?

Relevant for a few reasons; piecework...

- started in the home
- paid workers on a per-task basis
- placed workers in ambiguous statuses

Old theories to the rescue

If we map the timeline of piecework onto the gig work timeline,
a lot of what we've seen makes a lot of sense
(maybe it was even inevitable)

Overlaying timelines

Optimizing the factory line

Sept. 13, 1932.

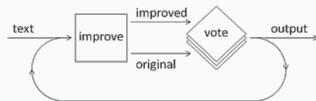
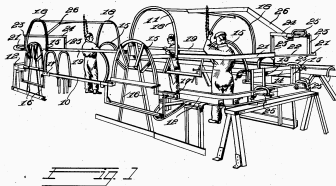
W. B. FAGEOL

1,877,653

MOTOR VEHICLE AND METHOD OF CONSTRUCTING THE SAME

Filed April 17, 1929

22 Sheets-Sheet 1



Research exploring how to improve the assembly line [6, 10] parallels research on crowd work-flows [e.g. 24]

Disillusionment



Riis documenting pieceworkers [20]; crowdsourced documentation of “Turkers” [3]

Can we predict best and worst-case possibilities?

- think about the **best case** possibilities
(and the prerequisites for this outcome)
- think about the **worst case** possibilities

Limits of on-demand work

Best case

We find ways to enable highly creative, perhaps even *complex*, teams to do difficult tasks.

Some of this is just now emerging, or in the pipeline [see 19, 22, also more of Niloufar's work].

Worst case

Low-quality work (e.g. [11]) becomes the **principle** form of work for on-demand workers.

Managing on-demand workers

Best case

Management becomes more transparent, diminishing the need for tools like Turkopticon

Would require designing around rejection more carefully [17].

Worst case

Management becomes even more opaque; maybe workers get pitted against each other in some kind of Panopticon [7].

Labor advocacy's future

Best case

Some form of labor advocacy emerges without the pitfalls of conventional labor unions (which eventually alienated more junior members by appearing somewhat ossified) [1].

Worst case

Workers never find lasting tools to counter exploitative labor markets

Would probably be the result of transient workers never being able to overcome the barriers McCallum discusses in [16].

Poke holes in this

This whole thing only works because you ask hard questions, or give me random input that may or may not be good.

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