

UNINTENTIONAL PARALLELS

5 years studying Anthropology

- Archaeological digs up and down the Americas
- Ethnographic fieldwork of Quantified Self

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- People studying crowdsourcing and gig work
- People studying artificial intelligence

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- People studying crowdsourcing and gig work
- People studying artificial intelligence
- Everything old is new again

NOTHING NEW UNDER THE SUN

EVERYTHING OLD IS NEW AGAIN

ALIA

Allowing workers to book clients,
communicate with each other, and
make decisions about how the platform
should operate

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Worker-owned cooperative

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Digital hiring hall

We design technical and social systems by **recognizable references**

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Solidarity

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Solutions to underlying social issues

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Lourdes Dobarganes cleans the apartment of a client in San Francisco. She is the kind of domestic worker Alia is trying to serve by allowing individual clients to chip in on benefits. (Photo by Carlos Avila Gonzalez, San Francisco Chronicle/Polaris)

Mercedes Martinez scrubs other people's kitchen sinks and mops their floors every day of the week. At night she comes home to care for one of her sons. The money she makes covers their bills, but not benefits. When she catches the flu, she doesn't get paid. But one of her clients recently introduced her to [Alia](#), a website that helps her

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We can draw from a much deeper well of scholarship than Computer Science to recognize the patterns we're recreating in **ostensibly** novel technical systems.

NEW TECHNOLOGIES, OLD METAPHORS

Artificial Intelligence

Street-level bureaucracies

CHI 2019 (Best Paper)

Crowd work systems

Piecework

CHI 2017 (Honorable Mention)

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