

Privacy Violations in Crowd Work

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Crowd Work

Crowdsourcing obtains contributions to tasks from an undefined pool of people (crowd workers)



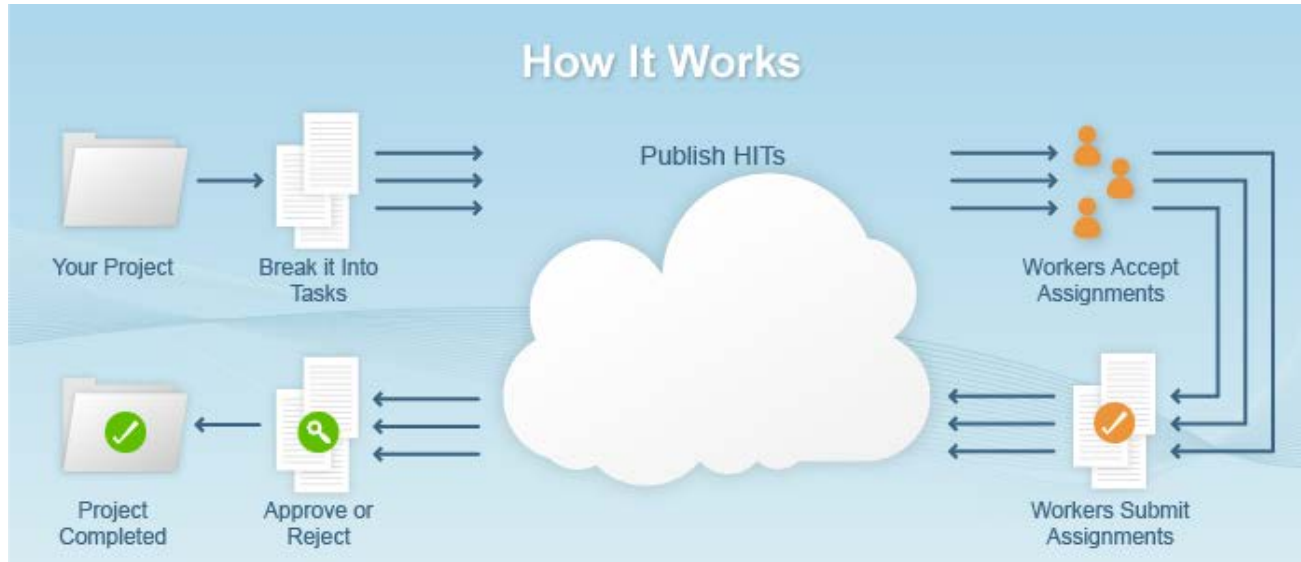
Our Research

What are people's privacy experiences in crowd work?

We chose Mechanical Turk (MTurk) as a case study

We surveyed 435 MTurk workers around the world

Amazon Mechanical Turk (MTurk)



source: mturk.com

Privacy Violations

Information collection

Information processing

Information dissemination

Invasion

Deceptive practices

Information Collection

“To participate in the task, I had to upload a picture of my health insurance card. The purpose of the study was to find out what people hated about having or getting a health insurance. But I feel like I had to give up very sensitive information.”

Information Processing

“The requester asked you to take a series of photos of yourself doing different tasks, like smoking a cigarette, sweeping etc. I did not think too much about it and completed the task. Six months later, I heard that the requester was using these photos in some type of art exhibit. I felt violated and lied to. I hated having my picture out there.”

Information Dissemination

“It’s very usual they ask you too for your e-mail. Maybe they will never use it, but I don’t know...they are a company, and we know company can earn money sharing private information, as the emails are.”

Invasion

“I regretted when I started to realize it was probably some creep who wanted pictures of women. Not knowing who got my picture and my address is very scary. They could be stalking me or trying to find me.”

Deceptive Practices

“Requesters will put up jobs that are actually phishing. So when workers click, they get to a fake log-in screen and end up having their account and linked payment account compromised.”

Human Flesh Search

Worker ID: A36ZHE0MUDRGXW

amazon **mturk** HITs Dashboard Skip Accept

HIT Details Reward: \$0.06 Time Allotted: 01:00:00

Back to results

Download You must accept this Requester's HIT before working on it. Learn more

Find contact information of Founder or CEO

Person name: [Arsham H](#)

Job Title: [VP](#)

Company name: [Corp Strategy](#)

Location: [Universal Electronics Inc., Santa Ana, CA](#)

First name*: Last Name*: Company Name*:

Email *:

Company Website *:

Location*:

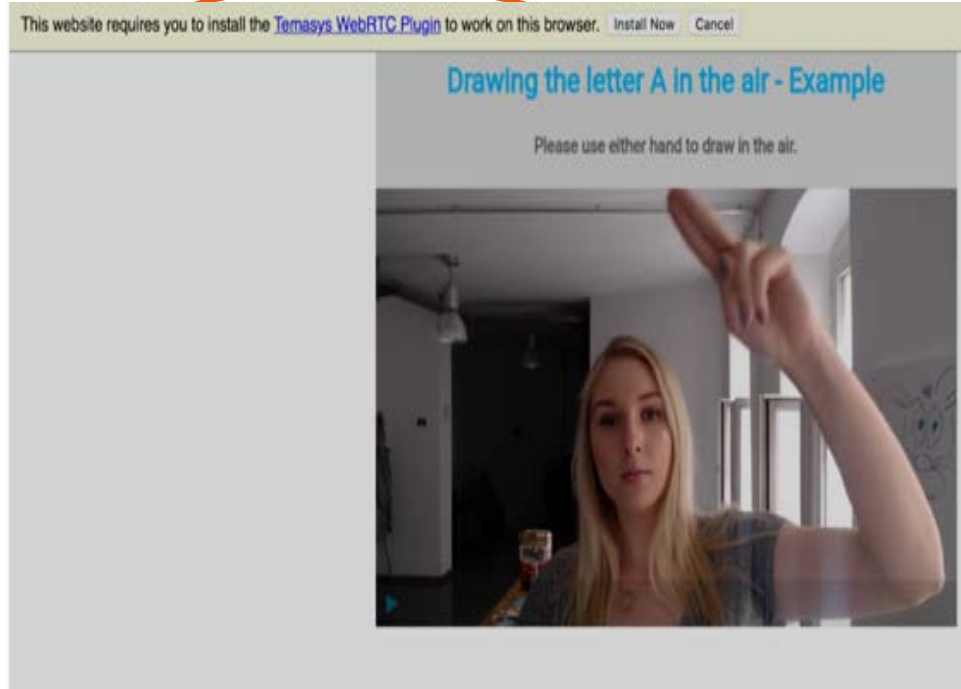
*All fields are required. .

Tips for Finding all information

1. Typically you can go to linkedin and search the Person based on Job title and company name and get email address ;
2. Go to the company website and they have email address

Report this HIT | Why Report Skip Accept

Install Software



Transcribe Sensitive Information

Worker ID: A3E3HEMUDRCQW

Requester Boardroom | marshmello Syracuse - Google Search | Amazon Mechanical Turk | Per Diem Rates Lock-Up | Syracuse University Writing Center | screenshot .mac scrolling window - Google... | Amazon Mechanical Turk

amazon **mturk** HITs Dashboard Skip Accept

HIT Details Reward: \$0.10 Time Allotted: 00:20:00

[Download](#) You must accept this Requester's HIT before working on it. [Learn more](#)

Data Table Transcription Instructions (Click to expand)

Cognome-Nome* and *Codice Fiscale

CENTRO SPORTIVO EDUCATIVO NAZIONALE
VIA BOLOGNA - TORINO DI SANBRO VARE

ASSOCIATO e SOCIETA' SPORTIVA **GIMMICA**
VIA BOLOGNA - TORINO DI SANBRO
VARE

ELENCO TESSERATI

COGNOME- NOME	INDIRIZZO/COMUNE	ESERCIZIO FISCALE	IMMAGINE
ORSINI LUCA	VILLALBA	4187	17/09/1986
SCARPA PIERLUIGI	LANZANO	7448	24/03/1985
MICCETTI ALESSANDRO	ARESCO	1176	16/05/1985
ANDREOLI GIUSEPPE	ALBA	4187	18/09/1985
TRILLI GIANFRANCESCO	ALBA	4187	18/09/1985
REGGI MARIO	LANZANO	7448	24/03/1985
VALENTINI LAURA	ALBA	4187	18/09/1985
CARONALI PAOLO	ALBA	4187	18/09/1985
COZZI PIETRO	ALBA	4187	18/09/1985
DI LUCA ROBERTO	ALBA	4187	18/09/1985
FRANZI LUCA	ALBA	4187	18/09/1985
PRIVONATI ANTONIO	ALBA	4187	18/09/1985
PRIVONATI GIULIO	ALBA	4187	18/09/1985
PRIVONATI GIULIO	ALBA	4187	18/09/1985

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Implications for Design & Policy

Tools to help workers detect privacy threats

Tools to help requesters convey data practices

Best practices or rules

Acknowledgements

Joint work w/ Huichuan Xia, Yun Huang, Anuj Shah

“Our Privacy Needs to be Protected at All Costs”:
Crowd Workers’ Privacy Experiences on Amazon
Mechanical Turk. CSCW 2018.