

**Pick-A-Crowd:
Tell Me What You Like,
and I'll Tell You What to Do**

Gianluca Demartini
eXascale Infolab, University of
Fribourg, Switzerland

Crowdsourcing

- Outsource micro-tasks to the crowd to help you algos
- State-of-the-art
 - Amazon Mturk: Place your task on the market
 - Completed on FCFS basis
 - Pro: fast and cheap!
 - Con: the worker is random (which may be fine!)
- The requesters do not know the workers :(

Pick-A-Crowd










- Model workers based on their Facebook profiles
- *Push* tasks to workers instead of letting workers *pull* them
- Pro: you can pick the best worker for it
- Con: it may get slow (or expensive)

When to Pick-a-Crowd?













- No, when you need to tag the sun in images
- Yes, when you have questions on cricket
- ... or in general for any task that require some background knowledge

How does it look like?

My customized list of batches:

Batch description	Challenge	Number of tasks	Reward
 Football players identifications	 Recommend 	Completed	\$0.25
 What movie is this scene from?	 Recommend 	31 available	\$0.25
 Comics, mangas and characters	 Recommend 	41 available	For Fun

List of all batches:

Batch description	Challenge	Number of tasks	Reward
 Actors identification	 Recommend 	40 available	\$0.25
 Music bands identification	 Recommend 	31 available	\$0.25
 Book authors identification	 Recommend 	48 available	\$0.25
 Cricket questions.	 Recommend 	11 available	\$0.25

Launching soon on...

openturk.com