



## Session III: Foundations of Decentralized AI (II)

### Decentralized AI Ecosystem

#### DC Builder

Research Engineer  
Worldcoin Foundation



# The seeds of decentralized AI

dcbuilder.eth  
Worldcoin Foundation

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## Why should you care

- Centralizing forces create suboptimal outcomes
- Incentive misalignment breaks trust
- Open access = open innovation
- Privacy Privacy Privacy
- The whole is greater than the sum of its parts





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## Broad categories

- Data/Compute Marketplaces/Warehouses
- Training/Inference networks
- Verifiability and Provenance
- Agents
- Privacy
- Hardware (for the brave)



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- Mechanism design and incentives are powerful tools
- Programmable cryptography is pragmatic
- Multi-dimensional resource pricing models emerging
- Sense of urgency around decentralization
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## Open problems I see

- Adoption / Schelling point / Added value
- Sustainable economics / incentives
- Robust infrastructure and scalable systems
- Privacy is not the norm and always comes at a cost
- Designing reliable agents is hard


# Who is building it

- The teams here
- ...
- And several others
- ...
- Potentially you?


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# Closing thoughts



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Thank you for listening

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### Fair Data Attribution at Scale

**Ruoxi Jia**

Assistant Professor  
Virginia Tech



Berkeley Center for Responsible,  
Decentralized Intelligence

# **Summit on Responsible Decentralized Intelligence — Future of Decentralization and AI**

August 6, 2024  
Verizon Center, NYC

Berkeley

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