

Manifesto for Decentralized AI (DeAI)

<https://www.deaimanifesto.com/>

<https://github.com/DeAIWorkingGroupInternetComputer/ManifestoForDecentralizedAI>

Version 3

Preamble

In an era where Artificial Intelligence (AI) is increasingly central to our daily lives, this ubiquitous use of AI in applications ranging from mundane to critical tasks has powerful forces racing to establish control; the power over these transformative technologies, though, must not be confined to a few centralized entities. The Internet has brought tremendous decentralization of access to information and ease of communication, but also the centralization of power and corporate ownership of data. This trend will worsen if left unchecked. The principles of Decentralized AI (DeAI) can reverse this trend if users and application developers recognize its importance to their long-term welfare. We envision a future where AI is democratized, broadly empowering, and adaptive to the diverse needs and values of all users, groups, and their contexts. This manifesto lays out the principles and reasons for decentralizing AI and advocates for a fair, transparent, and user-centric AI ecosystem.

Principles of Decentralized AI

1. **DeAI Is Safe AI:** DeAI prioritizes user safety by implementing robust security measures and rigorous testing protocols to minimize the risk of unintended consequences or malicious exploitation.
2. **DeAI Is Self-Sovereign AI:** Users should have complete control over their AI. Your AI should work for you, reflect your values, and serve your needs without external interference.
3. **DeAI Is Secure AI:** Privacy is a guarantee, not just a feature. DeAI ensures your data remains your own, safe from prying eyes and misuse.
4. **DeAI Is Accessible AI:** DeAI makes advanced AI available to all. Extending the principles of the World Wide Web to AI, it is inclusive in the users it serves and in the supported interaction methods.
5. **DeAI Is Participatory AI:** By allowing open contributions and attributing the created value back to the owner, DeAI enables everyone to participate in shaping the AI revolution and benefiting from it.
6. **DeAI Is Responsible AI:** User empowerment and respecting stakeholders' best interests are topmost priorities for DeAI. This includes best efforts to be resource-efficient and deliver sustainable solutions.
7. **DeAI Is Verifiable AI:** Enabling thorough inspection and verification of DeAI systems promotes transparency of the underlying code and algorithms, as well as accountability to identify and rectify errors or biases in the AI's behavior.

Join us in the movement towards Decentralized AI. Together, we can create an AI ecosystem that works for everyone, maximizes contributions to a prosperous future for all beings on the planet, and provides control, privacy, and fairness in the AI technologies that shape our lives.

Organizations to reach out to

Please add your ideas here:

Organization	Who reaches out
Knowledge Foundation, Immersive Education	Patrick
IPAI	Patrick
https://mor.org/	Patrick
KI-Allianz BW	Patrick
Cyber Valley	Patrick
https://www.responsible.ai/	
https://www.gbbc.io/	
https://partnershiponai.org/partners	
https://www.un.org/en/ai-advisory-body/about	
https://mila.quebec/en	
MIT Media Lab	
Eindhoven University of Technology	
Private AI Institute Their partners • Intel Labs • National University of Singapore • Université Catholique de Louvain • University of California, San Diego • University of Southern California • University of Toronto • University of Waterloo • TU Darmstadt • University of Würzburg	

ETH AI Center	
Fetch AI	
Princeton University DeCenter	
University of California Berkeley - Center of Responsible, Decentralized Intelligence	

Version 2

Preamble

In an era where Artificial Intelligence (AI) is increasingly central to our daily lives, the power and control over these transformative technologies must not be confined to a few centralized entities. We envision a future where AI is democratized, broadly empowering, and adaptive to the diverse needs and values of all user groups and their context. This manifesto lays out the

principles and reasons for decentralizing AI and advocating for a fair, transparent, and user-centric AI ecosystem.

Principles of Decentralized AI

1. **DeAI Is Safe AI:** DeAI prioritizes user safety by implementing robust security measures and rigorous testing protocols to minimize the risk of unintended consequences or malicious exploitation.
2. **DeAI Is Self-Sovereign AI:** Users should have complete control over their AI. Your AI should work for you, reflect your values and serve your needs without external interference.
3. **DeAI Is Secure AI:** Privacy is a guarantee, not just a feature. DeAI ensures your data remains your own, safe from prying eyes and misuse.
4. **DeAI Is Accessible AI:** DeAI makes advanced AI available to all and aims to maximize contributions to a prosperous future for all beings on the planet. As such, it is inclusive in the users it serves, in the supported interaction and communication methods, and in the range of AI models to select from.
5. **DeAI Is Participatory AI:** By allowing open contributions and attributing the created value back to the owner, DeAI enables everyone to participate in shaping the AI revolution and benefiting from it.
6. **DeAI Is Responsible AI:** User empowerment and respecting stakeholders' best interests are topmost priorities for DeAI. This includes best efforts to be resource-efficient and deliver sustainable solutions.
7. **DeAI Is Verifiable AI:** Enabling thorough inspection and verification of DeAI systems promotes transparency of the underlying code and algorithms as well as accountability to identify and rectify errors or biases in the AI's behavior.

Join us in the movement towards Decentralized AI. Together, we can create an AI ecosystem that works for everyone and provides control, privacy, and fairness in the AI technologies that shape our lives.

Version 1

Preamble

In an era where Artificial Intelligence (AI) is increasingly central to our daily lives, the power and control over these transformative technologies must not be confined to a few centralized entities. We envision a future where AI is decentralized, democratized, and aligned with the needs and values of all users. This manifesto lays out the principles and reasons for embracing Decentralized AI and advocating for a fair, transparent, and user-centric AI ecosystem.

Principles of Decentralized AI

1. **DeAI Is Safe AI:** DeAI prioritizes user safety by implementing robust security measures and rigorous testing protocols to minimize the risk of unintended consequences or malicious exploitation.
2. **DeAI Is Self-Sovereign AI:** Users should have complete control over their AI. Your AI should work for you, reflect your values and serve your needs without external interference.
3. **DeAI Is Secure AI:** Privacy is a guarantee, not just a feature. DeAI ensures your data remains your own, safe from prying eyes and misuse.
4. **DeAI Is Personal AI:** DeAI enables users to tailor AI services to their specific needs for a personalized and relevant experience.
5. **DeAI Is Verifiable AI:** The open-source nature of DeAI allows anyone to inspect the underlying code and algorithms, ensuring transparency in how the AI functions. By enabling thorough inspection and verification, DeAI systems promote accountability, making it easier to identify and rectify errors or biases in the AI's behavior.
6. **DeAI Is Trustless AI:** DeAI operates on decentralized infrastructure, eliminating the need for trust in a single entity. Instead, trust is distributed across a network of participants. Utilizing cryptography and blockchain technologies, DeAI ensures that data and operations are secure and tamper-proof, maintained by consensus rather than centralized control.
7. **DeAI Is Fair AI:** Decentralization minimizes the risk of biases inherent in centralized AI models and promotes fairer and more equitable outcomes.
8. **DeAI Is Collaborative AI:** DeAI systems are designed to work seamlessly across different platforms and applications in a collaborative and interconnected ecosystem. Users may collectively own and control AI systems to ensure decisions reflect their joint best interests.
9. **DeAI Is Participatory AI:** By allowing open contributions and attributing the created value back to the owner, DeAI enables everyone to participate in shaping the AI revolution and benefiting from it.
10. **DeAI Is Accessible AI:** DeAI makes advanced AI available to all and aims to maximize contributions to a prosperous future for all beings on the planet.
11. **DeAI is Responsible AI:** User empowerment and respecting stakeholders' best interests are topmost priorities for DeAI. This includes best efforts to be resource-efficient and deliver sustainable solutions.

Vision for the Future

DeAI represents a future where AI is more accessible, personalized, secure, and aligned with user preferences and needs. This vision enhances the user experience and paves the way for a more equitable and user-centric digital world.

Call to Action

Join us in the movement towards Decentralized AI. Together, we can create an AI ecosystem that works for everyone and provides control, privacy, and fairness in the AI technologies that

shape our lives. Let's democratize AI, making it a tool for empowerment, innovation, and community-driven progress.