Translational AI Center (TrAC) Training Spring 2023

Tutorial on Demystifying Trending AI Techniques
April 28th 2023, 1:00 – 5:00 PM
Location: Hoover 2055

Join us for a four-hour tutorial exploring current AI techniques and innovative approaches with the potential to reshape various domains. The final list of topics will be tailored to participants' interests based on a survey during registration.

Tentative list of topics:

1. Generative AI: Dive into GPT, Imagen, MidJourney, Stable Diffusion, and more.
2. Multimodal Models: Uncover the power of Dalle, CLIP, and other transformative models.
3. Computer Vision: Explore advanced models like SAM, YOLOv7, and their applications.
4. Reinforcement Learning: Discover the Generalist agent and other groundbreaking RL methods.
5. Cutting-Edge Algorithms: Master self-supervised learning, nerfs, INRs, and beyond.
6. AI in Science: Learn how AI is revolutionizing scientific research and applications.
7. Science in AI: Delve into scientific machine learning and its potential impact.

Additional discussions:

- Trends in AI: Analyze the direction of AI research and its future trajectory.
- Consequences & Implications: Discuss the ethical, fairness, and bias considerations of AI.
- Translating AI: Explore how AI techniques can be adapted to various domains.

When: April 28th, 1 PM – 5 PM

Mode of Instruction: In-person, Hoover 2055

Registration:
To register for the tutorial and complete the survey, please visit: https://forms.gle/ezTw24RYRCSWUWy96
Registration deadline: **April 25th, 2023**

Contact Information:
For more information, please email: baditya@iastate.edu

Translational AI Center

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