THE NOTES

Teodor, 20, built a model that flags signs of high blood pressure in photos of the back of the eye, to learn machine learning

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He froze Meta's DINOv2, trained on 142 million photos and never an eye, and trained only a small head on top

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7,000 eye photos from ODIR-5K, a free Kaggle GPU, about 40 minutes for the whole run

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It ranks a sick eye above a healthy one 90% of the time; age and sex alone get 69%

A model trained only on eyes did worse when frozen the same way

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Freezing works for voice, images, video and LLMs too: little data, freeze; lots of data, fine-tune

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His view: AI builds what you ask for, the ideas still have to come from people