Charig Yang

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Summary

Research Scientist at Isomorphic Labs (Alphabet/Google DeepMind) working on AI for drug discovery. My research focuses on training AI to understand systems that move and change. I am particularly drawn to creative, exploratory research and ambiguous scientific problems.

Experience

🧬 **Isomorphic Labs**   London, UK
Research Scientist   Jun 2025 - Present
→ Develop and improve post-AlphaFold models for biomolecular structure and interactions
→ Exploratory research in multimodal and temporal machine learning for drug discovery

👀 **Reality Labs, Meta**   Seattle, WA
Research Scientist Intern   Jun 2024 - Feb 2025
→ Multimodal (video, eye tracking, spatiotemporal sensors) contextual AI for smart glasses
→ Led data collection and modelling across multiple sensor modalities

Education

🎓 **University of Oxford**   Oxford, UK
PhD in Computer Vision and Machine Learning   Oct 2020 - Apr 2025
→ Advisors: Andrew Zisserman and Weidi Xie, Visual Geometry Group (VGG)
→ Research: video understanding, self-supervised learning, motion segmentation
→ Teaching: computer vision, machine learning, robotics, control, mathematics, electronics

🎓 **University of Oxford**   Oxford, UK
MEng in Information Engineering   Oct 2016 - Jun 2020
→ Grade: First Class (Rank 2/162)
→ Internships: Metaswitch (Microsoft acquired), Japan Railways, CP Group, True
→ Societies: President at Engineers without Borders, Thai Society, Engineering Committee

Selected Publications

Accurate Predictions of Novel Biomolecular Interactions with IsoDDE
Isomorphic Labs Team. Technical Report, 2026.

Reading Recognition in the Wild
C. Yang, *et al.* NeurIPS, 2025. *Internship Project at Meta.*

Learning from Time
C. Yang. PhD Thesis, 2025. *Committee: C. Rupprecht (Oxford), W. T. Freeman (MIT).*
Includes first-author papers at CVPR, ICCV and ECCV (Oral)

Awards

Best Presentation Award, UK Robotics CDT Conference

Best Paper Award, CVPR Workshop on robust video scene understanding

Best Poster Award, Information Engineering undergraduate thesis

Edgell Sheppee Prize for second-best performance in Engineering