Charig Yang

💼 RS, Isomorphic Labs 🌐 robots.ox.ac.uk/~charig
🎓 PhD, Oxford VGG ✉ charigy@google.com

Experience

🧬 Isomorphic Labs — London, UK
Research Scientist — Jun 2025 - Present
→ AI for drug discovery at Alphabet spinoff from Google DeepMind

👀 Reality Labs, Meta — Seattle, WA
Research Scientist Intern — Jun 2024 - Feb 2025
→ Multimodal contextual AI for smart glasses, published at NeurIPS

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, multimodal, time, applications

🎓 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

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

Selected Publications

Learning from Time
C. Yang. PhD Thesis. Examined by C. Rupprecht (Oxford) and W. T. Freeman (MIT)

Reading recognition in the wild
C. Yang, (12 others), R. Newcombe, H. Kim. In: NeurIPS 2025

Discovering monotonic temporal changes via self-supervised video ordering
C. Yang, W. Xie, A. Zisserman. In: ECCV 2024 (Oral)

It's about time: analog clock reading in the wild
C. Yang, W. Xie, A. Zisserman. In: CVPR 2022

Self-supervised video object segmentation by motion grouping
C. Yang, H. Lamdouar, E. Lu, A. Zisserman, W. Xie. In: ICCV 2021

Activities

Teaching: C18 Computer Vision and Robotics, C19 Machine Learning, B1 Engineering Computation, P2/A2/B14 Information Engineering (incl. practicals), A1 Mathematics

Societies: Engineers without Borders Oxford (President), Oxford Thai Society (President), OSG Digital (Director), Engineering Committee (Student Chair), Poker Society (Treasurer)