

# Charig Yang

 RS, Isomorphic Labs  
 PhD, Oxford VGG

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## Experience

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### Isomorphic Labs

*Research Scientist*

London, UK

Jun 2025 - Present

→ Machine learning research for drug discovery. Alphabet spinoff from Google Deepmind

### Reality Labs, Meta

*Research Scientist Intern*

Seattle, WA

Jun 2024 - Feb 2025

→ Multimodal contextual AI for smart glasses. Paper under review

## Education

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### University of Oxford

*PhD in Computer Vision and Machine Learning*

Oxford, UK

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

*MEng in Information Engineering*

Oxford, UK

Oct 2016 - Jun 2020

→ Grade: First Class (Rank 2/162)

→ Internships: Metaswitch (Microsoft acquired), Japan Railways, CP Group, True

## Awards

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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

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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 submission

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

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**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)