JIANYUAN WANG

Webpage: https://jytime.github.io ♢ Email: jianyuan@robots.ox.ac.uk

EDUCATION

University of Oxford, Visual Geometry Group (VGG) *Jan 2023 – Present*

Doctor of Philosophy in Engineering Science
Joint PhD Program with Meta AI, fully funded by Facebook AI Research Scholarship
Supervised by Christian Rupprecht, David Novotny, and Andrea Vedaldi

Australian National University *Mar 2019*

Bachelor of Engineering, First Class Honours

EXPERIENCE

Facebook AI Research (FAIR) London, Research Assistant *Oct 2022 – Present*

Full-time researcher operating under a dual-affiliation PhD program with Oxford

Chinese University of Hong Kong, Research Assistant *Jun 2021 – Sep 2022*

AWARDS

Best Paper Award, Computer Vision and Pattern Recognition (CVPR) 2025 *Jun 2025*

Facebook AI Research Scholarship *Jan 2023*

SELECTED PUBLICATIONS

- **Jianyuan Wang**, Minghao Chen, Nikita Karaev, Andrea Vedaldi, Christian Rupprecht, and David Novotny. "VGGT: Visual Geometry Grounded Transformer". *Conference on Computer Vision and Pattern Recognition (CVPR), 2025*, **Best Paper Award**.

- Oriane Siméoni, Huy V. Vo, Maximilian Seitzer, Federico Baldassarre, Maxime Oquab, Cijo Jose, Vasil Khalidov, Marc Szafraniec, Seungeun Yi, Michaël Ramamonjisoa, Francisco Massa, Daniel Haziza, Luca Wehrstedt, **Jianyuan Wang**, Timothée Darcet, Théo Moutakanni, Leonel Sentana, Claire Roberts, Andrea Vedaldi, Jamie Tolan, John Brandt, Camille Couprie, Julien Mairal, Hervé Jégou, Patrick Labatut, and Piotr Bojanowski. "DINOv3". *arXiv preprint arXiv:2508.10104, 2025*.

- **Jianyuan Wang**, Nikita Karaev, Christian Rupprecht, and David Novotny. "VGGSfM: Visual Geometry Grounded Deep Structure from Motion ". *Conference on Computer Vision and Pattern Recognition (CVPR), 2024*, **Highlight**.

- Nikita Karaev, Iurii Makarov, **Jianyuan Wang**, Natalia Neverova, Andrea Vedaldi, and Christian Rupprecht. "CoTracker3: Simpler and Better Point Tracking by Pseudo-Labelling Real Videos". *International Conference on Computer Vision (ICCV), 2025*, **Highlight**.

- **Jianyuan Wang**, Christian Rupprecht, and David Novotny. "PoseDiffusion: Solving Pose Estimation via Diffusion-aided Bundle Adjustment". *International Conference on Computer Vision (ICCV), 2023.*