JIANYUAN WANG

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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

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*.