Rong Wang

▬▬▬ Education

02/2018–12/2021	**Bachelor of Advanced Computing (R&D) (Honours).** **Australia National University** **Major:** Computer Science **GPA:** 7.0/7.0, **WAP:** 91/100 (ranked 1st) **Awards:** First Class Honours, University Medal.
02/2022–Current	**PhD of Computer Science.** **Australia National University** **Supervisor:** Prof. Hongdong Li **Expected Completion Date:** 12/2025

▬▬▬ Employment

07/2022 - 04/2023	**Research Internship.** **Corporation:** Tencent XR Lab **Location:** Canberra **Description:** Research project of 3D hand pose estimation from egocentric image inputs for XR systems.
06/2024 - 11/2024	**Research Internship.** **Corporation:** Meta Codec Avatar Lab **Location:** Pittsburgh **Description:** Research project of generating universal animatable avatars with continuous 3D implicit representations.
01/2025 - 07/2025	**Research Internship.** **Corporation:** Amazon IML **Location:** Canberra **Description:** Applied Research Scientist II intern for developing 3D asset generation from single reference image.

▬▬▬ Publications

2021	**WSDM.** Shin, M., Tran, A., Wu, S., Mathews, A., **Rong, W.**, Lyall, G., & Lexing, X. (2021). **AttentionFlow: Visualising Influence in Networks of Time Series.** Proceedings of the 14th ACM International Conference on Web Search and Data Mining.
2022	**AAAI.** Dongxu, L., Chenchen, X., Liu, L., Yiran, Z., **Rong, W.**, Lars, P., Hongdong, L. (2022). **Transcribing Natural Languages for the Deaf via Neural Editing Program Synthesis.** Proceedings of the 36th AAAI Conference on Artificial Intelligence.

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2023 **WACV**.
Rong, W., Wei, M., Hongdong, L. (2023). **Interacting Hand-Object Pose Estimation via Dense Mutual Attention.** Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision.

2023 **NeurIPS**.
Rong, W., Wei, M., Hongdong, L. (2023). **DeepSimHO: Stable Pose Estimation for Hand-Object Interaction via Physics Simulation.** In Thirty-seventh Conference on Neural Information Processing Systems.

2024 **ICLR**.
Sichao, L., **Rong, W.**, Quanli, D., Amanda, B. **Exploring the cloud of feature interaction scores in a Rashomon set.** In The Twelfth International Conference on Learning Representations.

2024 **ECCV**.
Rong, W., Wei, M., Changsheng, L., Hongdong, L. **Towards High-Quality 3D Motion Transfer with Realistic Apparel Animation.** The 18th European Conference on Computer Vision.

2024 **3DV**.
Haorui, J., **Rong, W.**, Taojun, L., Hongdong, L. **JADE: Joint-aware Latent Diffusion for 3D Human Generative Modeling.** The 12th International Conference on 3D Vision.

2025 **CVPR**.
Rong, W., Fabian, P., Ziyan, W., Zhongshi J., Chengxiang Y., Junxuan L., Shunsuke S., Igor S., Javier R., Rohan J., Hongdong L., Jason S., Yaser S. **FRESA: Feedforward Reconstruction of Personalized Skinned Avatars.** Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition

Awards

2018 **ANU Excellence Scholarship**.
$5000 tuition fee discount in the first 12 months of study at ANU followed by a 10 percent discount of tuition fees for years of study thereafter, awarded to students who have achieved an excellent level in their final years of schooling.

2019 – 2021 **ANU Summer Research Scholarship**.
Awarded for summer research project, working with Prof. Steve Blackburn and Prof. Lexing Xie.

2019 – 2021 **Terrell International Undergraduate Scholarships**.
50 % tuition fee plus 100 % OSHC, awarded to top international undergraduate students on the basis of their achievement in the first year of a Bachelor's degree.

2021 **University Medal**.
Awarded to students who have demonstrated exceptional academic excellence.

2021 **Erin Brent Computer Science Prize**.
$500 Monetary prize. Awarded to the student who achieved the best Honours result in any of the degree programs relating to Computer Science, Software Engineering or Information Technology.

2022	**Australian Government Research Training Program International Scholarship**. Covers PhD tuition with annual stipend, funded by the Australian government.

Academic Service

2024	**Conference Reviewer**. Reviewer for NeurIPS, 3DV, ICLR, AISTATS.
2025	**Conference Reviewer**. Reviewer for ICML, CVPR.

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