

# ZEYU ZHANG

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EDUCATION	<b>The Australian National University</b>	Canberra, Australia
	<i>Bachelor of Science (Advanced) (Honours)</i> <ul style="list-style-type: none"><li>• Advisor: Prof. Richard Hartley and Prof. Ian Reid</li><li>• Research area: 3D Generative AI and AI for Health</li><li>• GPA: 6.542/7.000</li></ul>	2021 - 2025 ( <i>expected</i> )
PUBLICATIONS	1. <b>Motion Mamba: Efficient and Long Sequence Motion Generation</b> Zeyu Zhang*, Akide Liu*, Ian Reid, Richard Hartley, Bohan Zhuang, Hao Tang✉ <i>The European Conference on Computer Vision (ECCV) 2024</i>	
	2. <b>Motion Avatar: Generate Human and Animal Avatars with Arbitrary Motion</b> Zeyu Zhang*, Yiran Wang*, Biao Wu*, Shuo Chen, Zhiyuan Zhang, Shiya Huang, Wenbo Zhang, Meng Fang, Ling Chen, Yang Zhao✉ <i>The British Machine Vision Conference (BMVC) 2024</i>	
RESEARCH EXPERIENCES	<b>Zhejiang University (ZJU)</b>   Research Assistant	2024.08 - Present
	• Efficient generative models, advised by Prof. Bohan Zhuang.	
	<b>Peking University (PKU)</b>   Visiting Student Researcher	2024.07 - Present
	• 3D human motion generation, advised by Asst. Prof. Hao Tang.	
	<b>MBZUAI</b>   Research Intern	2024.05 - 2024.06
	• Worked on unsupervised classification of cellular structures based on cryo-ET, hosted by Assoc. Prof. Min Xu and Prof. Ian Reid.	
	<b>La Trobe University</b>   Research Assistant	2024.04 - Present
	• 3D generation and AI for Health, hosted by Dr. Yang Zhao.	
	<b>Monash University</b>   Research Assistant	2024.01 - 2024.06
	• Efficient and Long Sequence Human Motion Generation, advised by Prof. Bohan Zhuang and Prof. Reza Haffari.	
AWARDS AND HONORS	<b>National Computational Infrastructure (NCI)</b>   Research Intern	2023.02 - 2023.06
	• Long-tail Large-scale Multi-label Text Classification, hosted by Dr. Jingbo Wang.	
	<b>Australian Institute for Machine Learning</b>   Student Researcher	2022.11 - 2023.12
	• Segmenting Thin CT Scans with Thick Annotations, advised by Prof. Ian Reid, Prof. Richard Hartley, Dr. Yutong Xie, and Dr. Bowen Zhang.	
	<b>The Australian National University (ANU)</b>   Student Researcher	2022.06 - 2022.10
	• A Deep Learning Approach to Diabetes Diagnosis, advised by Prof. Tom Gedeon, Dr. Md Zakir Hossain, Dr. Asif Ahmed, and Rakibul Hasan.	
	• <b>NRF Vacation Scholarship</b> , NeuroSurgical Research Foundation	2023.10
REFEREES	• <b>Flinders Summer Research Scholarship</b> , Flinders CMPH	2022.11
	• <b>UNSW Science Vacation Research Scholarship</b> , UNSW Sydney	2022.10
ACADEMIC SERVICES	<b>Prof. Richard Hartley FRS FAA FIEEE</b> richard.hartley@anu.edu.au	The Australian National University
	<b>Prof. Ian Reid FAA FTSE</b> ian.reid@mbzuai.ac.ae	Mohamed bin Zayed University of Artificial Intelligence
ACADEMIC SERVICES	<b>Reviewers</b>	
	<b>Conference:</b> <i>ICLR 2025, VR 2025, MIUA 2024, BIBM 2024</i>	
	<b>Journal:</b> <i>Experimental Biology and Medicine (EBM), Archives of Clinical Ophthalmology (ACO),</i>	