

# Jincen Jiang

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## EDUCATION

<b>Bournemouth University - National Centre for Computer Animation (NCCA) , Dorset, UK</b>	Sep 2023 - Aug 2026
Computer Science - Ph.D. - Supervisors: Prof. Jian Jun Zhang & Prof. Jian Chang	
<b>Northwest A&amp;F University (NWAUFU), Yangling, China</b>	Sep 2020 - Jun 2023
Computer Science - Master of Science in Engineering - Supervisor: Prof. Meili Wang	
<b>Northwest A&amp;F University (NWAUFU), Yangling, China</b>	Sep 2016 - Jun 2020
Software Engineering - Bachelor of Engineering	
<b>University of California, Irvine, CA, USA</b>	Aug 2017
The Project Management Certificate Program	

## RESEARCH INTERESTS

3D Deep Learning / Domain Adaptation and Generalization / Geometric Modeling

## PUBLICATIONS

- 1. PCoTTA: Continual Test-Time Adaptation for Multi-Task Point Cloud Understanding**  
The 38th Annual Conference on Neural Information Processing Systems (**NeurIPS**), 2024. (CCF-A)  
**Jincen Jiang**, Qianyu Zhou, Yuhang Li, Xinkui Zhao, Meili Wang, Lizhuang Ma, Jian Chang, Jian Jun Zhang, Xuequan Lu.
- 2. Harmony Everything! Masked Autoencoders for Video Harmonization**  
The 32nd ACM International Conference on Multimedia (**ACM MM**), 2024. (CCF-A)  
Yuhang Li, **Jincen Jiang (joint first author)**, Xiaosong Yang, Youdong Ding, Jian Jun Zhang.
- 3. DG-PIC: Domain Generalized Point-In-Context Learning for Point Cloud Understanding**  
The 18th European Conference on Computer Vision (**ECCV**), 2024. (CCF-B)  
**Jincen Jiang**, Qianyu Zhou, Yuhang Li, Xuequan Lu, Meili Wang, Lizhuang Ma, Jian Chang, Jian Jun Zhang.
- 4. DHGCN: Dynamic Hop Graph Convolution Network for Self-Supervised Point Cloud Learning**  
The 38th AAAI Conference on Artificial Intelligence (**AAAI**), 2024. (CCF-A)  
**Jincen Jiang**, Lizhi Zhao, Xuequan Lu, Wei Hu, Imran Razzak, Meili Wang.
- 5. Masked Autoencoders in 3D Point Cloud Representation Learning**  
IEEE Transactions on Multimedia (**TMM**), 2023. (CCF-B, JCR-Q1)  
**Jincen Jiang**, Xuequan Lu, Lizhi Zhao, Richard Dazaley, Meili Wang.
- 6. Unsupervised Contrastive Learning with Simple Transformation for 3D Point Cloud Data**  
The Visual Computer, 2023. (CCF-C, JCR-Q2)  
**Jincen Jiang**, Xuequan Lu, Wanli Ouyang, Meili Wang.
- 7. Rethinking Point Cloud Filtering: A Non-Local Position Based Approach**  
Computer-Aided Design, 2022. (CCF-B, JCR-Q2)  
Jinxi Wang, **Jincen Jiang(joint first author)**, Xuequan Lu, Meili Wang.
- 8. Research on plant stem complement based on L1-medial skeleton extraction**  
Journal of Nanjing Forestry University (Natural Sciences Edition), 2022.  
**Jincen Jiang**, Liandui Li, Meili Wang.
- 9. 3D sunken relief generation from a single image by feature line enhancement**  
Multimedia Tools and Applications, 2019. (CCF-C, JCR-Q2)  
Meili Wang, Liying Yang, Tingting Li, Shihui Guo, **Jincen Jiang**, Hongming Zhang, Jian Chang.

## HONORS & AWARDS

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Outstanding Graduates of Shaanxi Province	Jun 2023
Ph.D. Fund from China Scholarship Council (CSC)	Jun 2023
National Scholarship	Oct 2022
First Class Postgraduate Scholarship of NWAUFU (2nd place)	Oct 2021
Outstanding Postgraduate of NWAUFU	Dec 2021
Undergraduate Scholarship of NWAUFU	
--Second Class Scholarship	Oct 2019
--Three Third Class Scholarships	2016-2018
Merit Student of NWAUFU	Oct 2019
ACM-ICPC China Invitational Contest	
--Honorable Mention, Xi'an Site	May 2018
--Honorable Mention, Shaanxi Site	May 2017
China Collegiate Computing Contest - Digital Media Innovation Design Contest, First Prize, National Finals	Jan 2021
China Collegiate Computing Contest - Python Programming, Second Prize, National Finals	Jan 2022
China Collegiate Computing Contest - C++ Programming, Third Prize, National Finals	Jan 2022
China Collegiate Computing Contest - Group Programming Ladder Tournament	
--Third Prize, National Finals	Apr 2019
--Second Prize, National Finals	Mar 2018
China Competition on Virtual Reality, First Prize, National Finals	Oct 2021
Blue Bridge Cup National Software and Information Technology Contest - C/C++ Programming	
--Second Prize, Shaanxi Province, Postgraduate Group	Apr 2021
--Second Prize, Shaanxi Province, Undergraduate A Group	Apr 2019
--Second Prize, National Finals, Undergraduate A Group	May 2018
--Third Prize, National Finals, Undergraduate A Group	May 2017

## PATENT

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<b>Three-digit concave relief generation method based on single image</b>	Mar 2019
App No.: 201711163838.2   App Publish No.: CN 107784626 A	
Wang Meili, Yang Liying, <b>Jiang Jincen</b> , Guo Shihui, Zhang Hongming, He Dongjian	

## SERVICES

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I serve as a reviewer for several top-tier conferences and journals, including CVPR, ICCV, NeurIPS, ICML, ICLR, ACM MM, ISMAR, AISTATS, ICONIP, IEEE TMM, IEEE TNNLS, ACM TKDD, IEEE RA-L, and Neurocomputing.

## ACTIVITIES

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NCCA Research Seminar - I gave a talk titled in "3D Point Cloud Representation Learning with Unsupervised/self-supervised methods" at NCCA.	Oct 2023
Outstanding Graduates interview - I got the Outstanding Graduates of Shaanxi Province and was interviewed.	Aug 2023
National Scholarship interview - I got the National Scholarship and was interviewed.	Nov 2022
Presentation to new students - I gave a talk to fresh postgraduate students on "How to do research" at NWAUFU.	Oct 2022
Report on 3D plant modelling - I presented at the "The 2nd Chinese Computer Application Conference of Forestry and Grassland" and was awarded the Outstanding Presentation.	Dec 2021
NWAUFU ACM-ICPC Association - I gave a talk on "How to participate in ACM and Blue Bridge Cup" at NWAUFU.	Nov 2018
NWAUFU ACM-ICPC Competition - I organized the "2018 NWAUFU Programming Competition and ACM Training Team Recruiting Contest (Senior Student Group)".	Nov 2018