

Jincen Jiang

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EDUCATION

Northwest A&F University (NWFUFU), Yangling, China

Sep 2020 - Jun 2023

Computer Science - Master of Science in Engineering

GPA: 3.59/4.00 (86.90)

Northwest A&F University (NWFUFU), Yangling, China

Sep 2016 - Jun 2020

Software Engineering - Bachelor of Engineering

GPA: 3.08/4.00 (81.63)

University of California, Irvine, CA, USA

Aug 2017

The Project Management Certificate Program

RESEARCH INTERESTS

computer graphics / 3D deep learning / computer vision / geometric modeling / virtual reality

PUBLICATIONS

1. DHGCN: Dynamic Hop Graph Convolution Network for Point Cloud Learning

Submitted to CVPR 2023 (under review).

Jiang Jincen, Zhao Lizhi, Lu Xuequan, Hu Wei, Wang Meili.

2. Masked Autoencoders in 3D Point Cloud Representation Learning

IEEE Transactions on Multimedia (under review).

<https://arxiv.org/pdf/2207.01545.pdf>

Jiang Jincen, Lu Xuequan, Zhao Lizhi, Richard Dazeley, Wang Meili.

3. Rethinking Point Cloud Filtering: A Non-Local Position Based Approach

Computer-Aided Design, 2022, 144: 103162.

Wang Jinxi, Jiang Jincen (*joint first author*), Lu Xuequan, Wang Meili

4. Unsupervised representation learning for 3d point cloud data

The Visual Computer (minor revision).

<https://arxiv.org/pdf/2110.06632.pdf>

Jiang Jincen, Lu Xuequan, Ouyang Wanli, Wang Meili.

5. Research on plant stem complement based on L1-medial skeleton extraction

Journal of Nanjing Forestry University(Natural Sciences Edition), 2022(046-001).

Best oral paper on The 2nd Chinese Computer Application Conference of Forestry and Grassland

Excellent undergraduate paper of the College of Information Engineering, Northwest A&F University in 2020

Jiang Jincen, Li Liandui, Wang Meili.

6. 3D sunken relief generation from a single image by feature line enhancement

Multimedia Tools and Applications, 2019, 78(4): 4989-5002

Wang Meili, Yang Liying, Li Tingting, Guo Shihui, Jiang Jincen, Zhang Hongming, Chang Jian

PATENT

Three-digit concave relief generation method based on single image

Mar 2019

App No.: 201711163838.2 App Publish No.: CN 107784626 A

Wang Meili, Yang Liying, Jiang Jincen, Guo Shihui, Zhang Hongming, He Dongjian

HONORS & AWARDS

National Scholarship	Oct 2022
Graduate Scholarship of NWAUFU	
--First Class (2nd place)	Oct 2021
Undergraduate Scholarship of NWAUFU	
--Second Class (Top 20%)	Oct 2019
--Third Class (Top 30%)	Oct 2018
--Third Class (Top 30%)	Aug 2017
--Third Class (Top 30%)	Mar 2017
Student Awards	
--Outstanding Postgraduate of NWAUFU	Dec 2021
--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
--First Prize, Shaanxi Province	Dec 2021
China Collegiate Computing Contest - C++ Programming	
--Third Prize, National Finals	Jan 2022
--Second Prize, Shaanxi Province	Dec 2021
China Collegiate Computing Contest - Group Programming Ladder Tournament	
--Third Prize, National Finals	Apr 2019
--First Prize, Shaanxi Province	Apr 2019
--Second Prize, National Finals	Mar 2018
--First Prize, Shaanxi Province	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, Graduate Group	Apr 2021
--Second Prize, Shaanxi Province, Undergraduate A Group	Apr 2019
--Second Prize, National Finals, Undergraduate A Group	May 2018
--First Prize, Shaanxi Province, Undergraduate A Group	Apr 2018
--Third Prize, National Finals, Undergraduate A Group	May 2017
--First Prize, Shaanxi Province, Undergraduate A Group	Apr 2017

SERVICE

Reviewer

Neurocomputing, International Conference on Neural Information Processing (ICONIP), IEEE Robotics and Automation Letters (IEEE RA-L)

ACTIVITIES

National Scholarship interview

Nov 2022

Interviewee

I won a national scholarship and was interviewed.

Presentation to new students

Oct 2022

Speaker

I gave a talk to fresh graduate students on "How to do research" at NWAUFU.

Report on 3D plant modelling

Dec 2021

Speaker

I gave a presentation at the "The 2nd Chinese Computer Application Conference of Forestry and Grassland" and was awarded the Outstanding Presentation.

Northwest A&F University ACM-ICPC Association

Dec 2017 - Dec 2018

Key member, Co-founder

gave a talk on "How to participate in ACM and Blue Bridge Cup" at NWAUFU, and organized the "2018 NWAUFU Programming Competition and ACM Training Team Recruiting Contest (Senior Student Group)".

Northwest A&F University ACM Competition Training Team

Dec 2016 - Dec 2018

Team member

represented the university to participate in the "42nd ACM-ICPC Asian Regional Competition, Qingdao Site", "43rd ACM-ICPC Asian Regional Competition, Nanjing Site", "2017 ACM-ICPC National Invitational Competition, Xi'an Site" and "2018 ACM-ICPC National Invitational Competition, Shaanxi Site".