

Jianan Jiang

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More About Me: [Personal Website](#) | [Google Scholar](#) | [GitHub](#) | [Blog](#) (10k+ followers)

EDUCATION

- **Hunan University** (M.E.), Under Prof. Di Wu Sep. 2022 - Jun. 2025
Design Science (Cross-disciplinary), Direct admission Changsha, China
- **Donghua University** (B.E.), Under Prof. Jie Zhang & Dr. Junliang Wang Sep. 2018 - Jun. 2022
Mechanical Engineering (Mechatronics Engineering), Shanghai Outstanding Graduates (3%) Shanghai, China
 - Mechanical Engineering Excellence Class Sep. 2018 - Jun. 2022
 - Intelligent Manufacturing and Robotics Experimental Class Dec. 2019 - Jun. 2022
 - Artificial Intelligence Experimental Class Dec. 2020 - Jun. 2022

TECHNICAL SKILLS

- **Programming Languages:** Python/Pytorch/Tensorflow/Keras, C/C++, HTML/CSS, etc.
- **Tools and Frameworks:** Windows/Ubuntu, Jetson Nano, Raspberry Pi, Stm32, Arduino, PLC, Solidworks, Altium Designer, Ansys, etc.

PUBLICATIONS

* Equal Contribution

- [6] **J. Jiang**, H. Tang, Z. Jiang, W. Yu, D. Wu. "Towards Self-Supervised FG-SBIR with Unified Sample Feature Alignment and Multi-Scale Token Recycling." The 39th Annual AAAI Conference on Artificial Intelligence (**AAAI**), 2025.
- [5] Y. Lu*, X. Shi*, **J. Jiang**, H. Deng, Y. Wang, J. Lu, D. Wu. "FPGA Adaptive Neural Network Quantization for Adversarial Image Attack Defense." IEEE Transactions on Industrial Informatics (**II**), 2024.
- [4] **J. Jiang**, D. Wu, H. Deng, Y. Long, W. Tang, X. Li, C. Liu, Z. Jin, W. Zhang, T. Qi. "HAIGEN: Towards Human-AI Collaboration for Facilitating Creativity and Style Generation in Fashion Design." The ACM International Joint Conference on Pervasive and Ubiquitous Computing (**Ubicomp/IMWUT**), 2024.
- [3] D. Wu*, M. Wu*, Y. Li*, **J. Jiang**, X. Li, H. Deng, C. Liu, Y. Li. "StyleWe: Towards Style Fusion in Generative Fashion Design with Efficient Federated AI." The 27th ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW**), 2024. [*Best Paper Award*, 1%]
- [2] H. Deng*, **J. Jiang***, Z. Yu, J. Ouyang, D. Wu. "CrossGAI: A Cross-Device Generative AI Framework for Collaborative Fashion Design." The ACM International Joint Conference on Pervasive and Ubiquitous Computing (**Ubicomp/IMWUT**), 2024.
- [1] D. Wu*, Z. Yu*, N. Ma*, **J. Jiang**, Y. Wang, G. Zhou, H. Deng, Y. Li. "StyleMe: Towards Intelligent Fashion Generation with Designer Style." Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (**CHI**), 2023.

SELECTED AWARDS

- **National Second Prize**, The 17th "Challenge Cup" National Undergraduate Extracurricular Academic Science and Technology Works Competition (Top1 Competition in China) Mar. 2022
- **Shanghai First Prize**, The 17th "Challenge Cup" Shanghai Undergraduate Extracurricular Academic Science and Technology Works Competition May. 2021
- **Shanghai Third Prize**, The "Higher Education Cup" National College Students Mathematical Contest in Modeling Dec. 2020
- **Shanghai Second Prize**, The 10th Advanced Mapping Technology and Innovative Design Competition Dec. 2020
- **National Third Prize**, The China Undergraduate Mechanical Engineering Innovation and Creativity Competition — The 4th China Intelligent Manufacturing Competition Oct. 2020
- **Nationwide 10th**, The 13th Honda China Energy-saving Competition (Fuel Group) Nov. 2019
- **Nationwide 9th**, The 13th Honda China Energy-saving Competition (EV Group) Nov. 2019
- **Shanghai First Prize**, The "Hirschvogel Cup" Shanghai Undergraduate Creative Robot Challenge Competition Oct. 2019
- **National Third Prize**, The 2019 "Robocup" China Robot Competition Aug. 2019
- **National First Prize**, The 6th Educational Robot Competition in China Nov. 2016

CAMPUS ACTIVITIES

- **President**, Buyue Vehicle Technological Association (Student Club), Donghua University Sep. 2020 - Jun. 2021
- **President**, School of Mechanical Engineering Student Union, Donghua University Sep. 2020 - Jun. 2021
- **Monitor**, Intelligent Manufacturing and Robotics Experimental Class, Donghua University Dec. 2019 - Jun. 2022
- **Team Leader**, Buyue Energy-saving Vehicle Team, Donghua University Nov. 2019 - Apr. 2021