Jianan Jiang

Links: Email | Personal Website | Google Scholar | GitHub | Blog (10k+ followers)

EDUCATION

- **Pennsylvania State University**, *University Park, PA, USA* — *Aug. 2025 - Now*
  Ph.D. in Electrical Engineering

- **Hunan University**, *Changsha, China* — *Aug. 2022 - Jun. 2025*
  M.Eng. in Design Science (Direct Admission)

- **Donghua University**, *Shanghai, China* — *Sep. 2018 - Jun. 2022*
  B.Eng. in Mechanical Engineering (Mechatronics Engineering)
  - *Mechanical Engineering Excellent Class* — *Sep. 2018 - Jun. 2022*
  - *Intelligent Manufacturing and Robotics Experimental Class* — *Dec. 2019 - Jun. 2022*
  - *Artificial Intelligence Experimental Class* — *Dec. 2020 - Jun. 2022*

PUBLICATIONS

* Equal Contribution

[6] *J. Jiang*, H. Tang, Z. Jiang, W. Yu, D. Wu. "ARNet: 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] *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." Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (**ACM Ubicomp**), 2024.

[4] H. Deng*, *J. Jiang**, Z. Yu, J. Ouyang, D. Wu. "CrossGAI: A Cross-Device Generative AI Framework for Collaborative Fashion Design." Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (**ACM Ubicomp**), 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 (**ACM CSCW**), 2024. Best Paper Award

[2] D. Wu*, Z. Yu*, N. Ma*, *J. Jiang*, Y. Wang, G. Zhou, H. Deng, Y. Li. "StyleMe: Towards Intelligent Fashion Generation with Designer Style." The ACM CHI Conference on Human Factors in Computing Systems (**ACM CHI**), 2023.

[1] 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 (**IEEE T-II**), 2024.

SELECTED HONORS & AWARDS

- **Outstanding Academic Master's Thesis**, Hunan University (3%) — *Jun. 2025*
- **Best Paper Award**, ACM CSCW Conference (One of 5 Awardees, 1%) — *Nov. 2024*
- **Shanghai Outstanding Graduate**, Shanghai Municipal Education Commission (3%) — *Jun. 2022*
- **Outstanding Student Cadre**, Donghua University — *Nov. 2021*
- **Outstanding Student Club Leader**, Donghua University — *Nov. 2021*
- **Person of the Year**, School of Mechanical Engineering in Donghua University (One of 10 Awardees) — *May. 2021*
- **National Second Prize**, The 17th "Challenge Cup" National Undergraduate Extracurricular Academic Science and Technology Works Competition (Top1 Competition in China, 478/22k) — *Mar. 2022*
- **Shanghai First Prize**, The 17th "Challenge Cup" Shanghai Undergraduate Extracurricular Academic Science and Technology Works Competition — *May. 2021*
- **National Third Prize**, The Chinese Undergraduate Mechanical Engineering Innovation and Creativity Competition — The 4th Chinese Intelligent Manufacturing Competition — *Oct. 2020*
- **Nationwide 10th**, The 13th "Honda China" Energy-saving Vehicle Competition (Fuel Group) — *Nov. 2019*
- **Nationwide 9th**, The 13th "Honda China" Energy-saving Vehicle Competition (EV Group) — *Nov. 2019*
- **Shanghai First Prize**, The 2019 Shanghai Undergraduate Creative Robot Challenge Competition — *Oct. 2019*
- **National Third Prize**, The 2019 "Robocup" Chinese Robot Competition — *Aug. 2019*
- **National First Prize**, The 6th Chinese Educational Robot Competition — *Nov. 2016*

TECHNICAL SKILLS

- **Coding**: Windows/Ubuntu, Python/Pytorch/Tensorflow/Keras, C/C++, HTML/CSS, etc.

- **Tools**: Jetson Nano, Raspberry Pi, Stm32, Arduino, PLC, Solidworks, Altium Designer, Ansys, etc.

CAMPUS ACTIVITIES

- **President**, Buyue Automobile Technological Association, Donghua University — *Sep. 2020 - Jun. 2021*
- **President**, School of Mechanical Engineering Student Union, Donghua University — *Sep. 2020 - Jun. 2021*
- **Team Leader**, Buyue Energy-saving Vehicle Team, Donghua University — *Nov. 2019 - Apr. 2021*