# 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. <span style="color:red">Best Paper Award</span>

[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 "Hirschvogel Cup" 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*