YANG FU M.S.

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EDUCATION

School of Artificial Intelligence, Beijing Normal University — Beijing, China
M.S. in Computer Application Technology — 2022 - 2025 *(expected)*

- Advisor: Prof. Yongzhen Huang
- Research area: Computer Vision and Deep Learning
- GPA: 3.4/4.0

School of computer and software engineering, Xihua University — Chengdu, China
B.E. in Computer Science and Technology — 2018 - 2022

- GPA: 88.44/100.00, First Class Honor Degree

PUBLICATIONS

1. **Yang Fu**, Saihui Hou, Shibe Meng, Xuecai Hu, ChunshuiCao, Xu Liu, Yongzhen Huang. Cut out the Middleman: Revisiting Pose-based Gait Recognition. *The 18th European Conference on Computer Vision (ECCV)*, 2024.
2. **Yang Fu***, Shibe Meng*, Saihui Hou, Xuecai Hu, Yongzhen Huang. GPGait: Generalized Pose-based Gait Recognition. *The Thirty Fourth IEEE/CVF Conference on International Conference on Computer Vision (ICCV)*, 2023.
3. Aoqi Li, Saihui Hou, Qingyuan Cai, **Yang Fu**, Yongzhen Huang. Gait Recognition with Drones: A Benchmark. *IEEE Transactions on Multimedia (TMM)*, 2023.
4. Shibei Meng*, **Yang Fu***, Saihui Hou, Xuecai Hu, Yongzhen Huang. FastPoseGait: A Toolbox and Benchmark for Efficient Pose-based Gait Recognition. *Technical Report*, 2023.
5. Shibei Meng*, **Yang Fu***, Saihui Hou, Xuecai Hu, Yongzhen Huang. Bridging the Past and Future: In Defense of Pose-based Gait Recognition. *TPAMI Under Review (Major Revision)*.

PROJECTS

Gait Recognition from Drone Perspectives
National Natural Science Foundation of China (NSFC) — 2023.01 - 2024.09

Generalization of Gait Recognition Based on Self-supervised Learning
the Young Scientists Fund of NSFC — 2024.01 - 2024.12

FastPoseGait: Open Source Gait Recognition Framework
https://github.com/BNU-IVC/FastPoseGait — 2023.06 - 2024.12

Awesome Gait Recognition: A Curated List of Gait Recognition
https://github.com/BNU-IVC/Awesome-Gait-Recognition — 2023.06 - 2024.12

INTERNSHIPS

Watrix AI Ltd. | Beijing, China — 2022.02 - 2023.02

- Build a unified framework for gait recognition
- Collect Large-scale biometric data

MIT-IBM Watson AI Lab | Massachusetts, USA — 2024.02 - 2024.12

- Collect Large-scale human-centered video data
- Design dynamic camera shot video generation framework

Awards and Honors

- **First Prize**, ACM MM'24 Multimodal Gait Recognition Challenge 2024.10
- **First Prize**, International Competition on Human Identification at a Distance 2022.10
- **Academic Scholarship**, Beijing Normal University 2024.03
- **National Scholarship**, Ministry of Education of China 2023.12
- **Excellent University Graduate**, Sichuan Provincial Department of Education 2022.03
- **National Scholarship**, Ministry of Education of China 2021.12

Skills

Languages: Chinese, English.
Programming: `Python`, `C++`, `HTML`.

Academic Services

Reviewers for: *IEEE Transactions on Multimedia*,
Pattern Recognition.

Teaching Experiences

TA, Frontiers of Deep Learning, Beijing Normal University
Head TA, Intelligent Perception and Mobile Computing, Beijing Normal University

Volunteer Experiences

President, AI Club, Beijing Normal University 2022.10 - 2023.06
Co-Founder, *Little White Dove* Volunteer Program 2019.03 - 2019.09