ANTHONY CHEN

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Hometown: United Kingdom

EDUCATION

Peking University Sep 2019 - Jun 2023

Intelligence Science and Technology, Bachelor Beijing, China

- Outstanding thesis award

Peking University Sep 2023 - Sep 2026

Computer Science, Master Beijing, China

SKILLS & LANGUAGES

- **Skills:** Diffusion Models, Multi-modal Models, Image Personalization, Video Generation, 2D/3D Pretraining, OOD Learning, python , pytorch , c/c++ , html&css , javascript , mysql
- **Languages:** Mandarin (Native), English (Native), Japanese (Proficient), Russian (Fluent), Cantonese (Fluent)

EXPERIENCE

Xiaohongshu Mar 2023 - Jul 2024

Computer Vision Research Intern

- Rapidly implemented and iterated on personalized Diffusion models, leading to a significant reduction in training time and improved generation quality. Github stars over 10.7k.
- Crawled and processed large-scale internet human data to train and refine personalization models, improving the models' performance and adaptability to diverse datasets.

OPPO Research Institute Oct 2022 - Mar 2023

Computer Vision Research Intern Beijing, China

- Researched and developed new techniques for multi-modal pretraining, resulting in a generalized backbone model that can be used in object detection and image classification. Published in CVPR2023.

BodyPark Jul 2022 - Oct 2022

Computer Vision Engineering Intern Beijing, China

- Developed and implemented a deep learning model for human pose estimation, achieving 10% increase in accuracy compared to previous models.
- Collected, cleaned, and analyzed large-scale user data, enhancing the generalization ability of models.

PUBLICATIONS

*** denotes equal contribution**

- H. Wang, Q. Wang, X. Bai, Z. Qing, **A. Chen.** InstantStyle: Free Lunch towards Style-Preserving in Text-to-Image Generation.
- Q. Wang, X. Bai, H. Wang, Z. Qing, **A. Chen.** InstantID: Zero-shot Identity-Preserving Generation in Seconds.
- **A. Chen***, H. Yang*, Y. Gan*, D. A Gudovskiy, Z. Dong, H. Wang, T. Okuno, Y. Nakata, S. Zhang, K. Keutzer. Split-Ensemble: Efficient OOD-aware Ensemble via Task and Model Splitting. International Conference on Machine Learning (ICML), July 2024.
- **A. Chen***, K. Zhang*, R. Zhang, Z. Wang, Y. Lu, Y. Guo, and S. Zhang. PiMAE: Point cloud and image interactive masked autoencoders for 3d object detection. In Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), pages 5291–5301, June 2023.