

JIALI CUI

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🎓 EDUCATION

Stevens Institute of Technology , Hoboken, NJ <i>Ph.D</i> in Computer Science, expected May 2026	Sep. 2021 – Present
Stevens Institute of Technology , Hoboken, NJ <i>M.S.</i> in Computer Science	Sep. 2019 – May. 2021
Harbin Institute of Technology , Harbin, China <i>B.S.</i> in Computer Science	Sep. 2015 – May. 2019

👥 EXPERIENCE

Research Intern @ Futurewei Technology	June, 2025 - Aug, 2025
Research Intern @ Toyota Research Institute	Sep, 2024 - Dec, 2024

📖 PUBLICATION

Cooperative Multimodal Energy-based Model with MCMC Revision

Jiali Cui (during internship at Futurewei Technology), Zhiqiang Lao & Heather Yu
Submitted to *International Conference on Learning Representations (ICLR)*.

Learning Multi-stage Energy-based Prior for Hierarchical Generative Models

Jiali Cui & Tian Han
Submitted to *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*.

ShaLa: Multimodal Shared Latent Generative Modelling

Jiali Cui (during internship at Toyota Research Institute), Yanying Chen, Yanxia Zhang
Submitted to *Association for the Advancement of Artificial Intelligence (AAAI)*, 2026.

Learning Multimodal Latent Generative Models with Energy-Based Prior.

Shiyu Yuan*, Jiali Cui*, Hanao Li & Tian Han
The European Conference on Computer Vision (ECCV), 2024. **Oral**

Learning Latent Space Hierarchical EBM Diffusion Models

Jiali Cui & Tian Han
The International Conference on Machine Learning (ICML), 2024.

Learning Energy based Model via Dual MCMC Teaching

Jiali Cui & Tian Han
The 37th Conference on Neural Information Processing Systems (NeurIPS), 2023.

Learning Hierarchical Features with Joint Latent Space EBM Prior

Jiali Cui, Ying Nian Wu & Tian Han
The IEEE/CVF International Conference on Computer Vision (ICCV), 2023.

Learning Joint Latent Space EBM Prior Model for Multi layer Generator

Jiali Cu, Ying Nian Wu & Tian Han
The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2023.

Semi-supervised Learning by Latent Space EBM of Symbol-Vector Coupling

Bo Pang, Erik Nijkamp, Jiali Cui, Tian Han & Ying Nian Wu

Workshop on I Can't Believe It's Not Better (ICBINB) (@ *NeurIPS* 2021)

MISCELLANEOUS

basketball, soccer, dog, cat, etc :)



Figure 1: My lovely dog (Youyou) and cat (Maodou).