XIAOCHUANG HAN (Han)

Email: xiaochuang.han@gmail.com ⋄ Homepage: xhan77.github.io

EDUCATION

University of Washington   September 2021 - March 2025
Ph.D. in Computer Science and Engineering
Research areas: multimodal generation, diffusion language models, inference-time algorithms, training data attribution

Carnegie Mellon University   August 2019 - August 2021
M.S. in Language Technologies

Georgia Institute of Technology   August 2015 - May 2019
B.S. in Computer Science, Minor in Mathematics

PROFESSIONAL EXPERIENCE

Meta, FAIR   February 2025 - Present
Research Scientist   *Seattle, WA*
· Multimodal generative architectures, interactive text-video generation, synthetic data generation.

SELECTED PUBLICATIONS

Please see https://scholar.google.com/citations?user=GamSVF0AAAAJ for the full list.

TV2TV: A Unified Framework for Interleaved Language and Video Generation
Xiaochuang Han, Youssef Emad, Melissa Hall, John Nguyen, Karthik Padthe, Liam Robbins, Amir Bar, Delong Chen, Michal Drozdzal, Maha Elbayad, Yushi Hu, Shang-Wen Li, Sreya Dutta Roy, Jakob Verbeek, XuDong Wang, Marjan Ghazvininejad, Luke Zettlemoyer, Emily Dinan
CVPR 2026

LMFusion: Adapting Pretrained Language Models for Multimodal Generation
Weijia Shi*, **Xiaochuang Han***, Chunting Zhou, Weixin Liang, Xi Victoria Lin, Luke Zettlemoyer, Lili Yu
NeurIPS 2025

MADFormer: Mixed Autoregressive and Diffusion Transformers for Continuous Image Generation
Junhao Chen, Yulia Tsvetkov, **Xiaochuang Han**
ICLR 2026

JPEG-LM: LLMs as Image Generators with Canonical Codec Representations
Xiaochuang Han, Marjan Ghazvininejad, Pang Wei Koh, Yulia Tsvetkov
arXiv preprint

David helps Goliath: Inference-Time Collaboration Between Small Specialized and Large General Diffusion LMs
Xiaochuang Han, Sachin Kumar, Yulia Tsvetkov, Marjan Ghazvininejad
NAACL 2024

Trusting Your Evidence: Hallucinate Less with Context-aware Decoding

Weijia Shi*, **Xiaochuang Han***, Mike Lewis, Yulia Tsvetkov, Luke Zettlemoyer, Scott Wen-tau Yih
NAACL 2024

Tuning Language Models by Proxy
Alisa Liu, **Xiaochuang Han**, Yizhong Wang, Yulia Tsvetkov, Yejin Choi, Noah Smith
COLM 2024

SSD-LM: Semi-autoregressive Simplex-based Diffusion Language Model for Text Generation and Modular Control
Xiaochuang Han, Sachin Kumar, Yulia Tsvetkov
ACL 2023

Understanding In-Context Learning via Supportive Pretraining Data
Xiaochuang Han, Daniel Simig, Todor Mihaylov, Yulia Tsvetkov, Asli Celikyilmaz, Tianlu Wang
ACL 2023

TEACHING ASSISTANTSHIPS

UW CSE 447 / M 547: Natural Language Processing   Spring 2022
Head Teaching Assistant, with Yulia Tsvetkov

· Designed the homework assignments, gave tutorials, hosted weekly quiz and office hours.

CMU 11-711: Algorithms for NLP   Fall 2020
Graduate Teaching Assistant, with Emma Strubell, Yulia Tsvetkov, and Robert Frederking

· Designed the homework assignments, gave lectures on interpretability in NLP, led recitations.

ACADEMIC SERVICE

Reviewer (*outstanding reviewer)

· CVPR 2026, ICLR 2026, ICCV 2025, ICML 2025, ICLR 2025, NeurIPS 2024, ICML 2024, ICLR 2024, COLM 2024, ARR 2024, NeurIPS 2023, ACL 2023, EMNLP 2022, NeurIPS 2022, ICLR 2022, DistShift 2022, ACL 2021*, ARR 2021, NAACL 2021, EACL 2021*, CSUR 2021, EMNLP 2020