

Saeed Khorram

E-mail: khorransaeed@gmail.com

Webpage: <https://khorransaeed.github.io>

LinkedIn: <https://www.linkedin.com/in/saeed-khorram-7a0a8281/>

Google Scholar: <https://scholar.google.com/citations?hl=en&user=-zfeeKUAAAAJ/>

EDUCATION

Oregon State University (Ph.D. and M.Sc. in Computer Science)

Thesis: "Generative Models Meet Explainable AI and Long-Tail Learning: from Attribution Maps to Image Synthesis"

Adviser: Fuxin Li

RESEARCH INTERESTS

Generative Vision Foundation models (Diffusion/AR/GAN), Multimodal LLMs, Long-tail Learning, Self-supervised Learning, Explainable AI (XAI)

WORK AND RESEARCH EXPERIENCE

Research Scientist at Apple, Inc.

Image and Video Generation Foundation Model. Responsibilities include design, implementation, and improvement of SOTA models, large-scale training, evaluation, data processing, prototyping, hypothesis testing, etc. Working w/ Alex Schwing and Alex Colburn. July 2023 - Now

Relevant Publications:

- "DiT-Air: Revisiting the Efficiency of Diffusion Model Architecture Design in Text to Image Generation", Chen Chen et al. 2025
- "STIV: Scalable Text and Image Conditioned Video Generation", Zongyu Lin et al. 2024

Machine Learning Research Engineer Intern at Scale AI, Inc.

Data annotation automation via 2D/3D computer vision on autonomous vehicle data. Jan 2021 - April 2021

Graduate Researcher at Oregon State University

Jan 2018 - June 2023

- Improving generative learning from long-tail data by re-thinking conditional GAN architecture.
- Generating realistic counterfactual visual explanations by latent transformations.
- Understanding recurrent policy networks by quantizing the representations for memory and observations using Moore machines.
- Non-negative factorization for feature disentanglement using a novel ADMM training scheme for DNNs.
- Attribution map explanations using integrated-gradient optimized mask modeling.
- Automatic concept extraction from DNN activations via low-dimensional embeddings.

Data scientist at Carrene AI

Automatic medical prescription analysis and coding using NLP.

July 2017 - Dec 2017

SELECTED PUBLICATIONS

- [Saeed Khorram](#), Mingqi Jiang, Mohamad Shahbazi, Li Fuxin. "Taming the Tail in Class-Conditional GANs: Knowledge Sharing via Unconditional Training at Lower Resolutions". (**CVPR 2024**)
- Mingqi Jiang, [Saeed Khorram](#), Li Fuxin. "Examining the Difference Among Transformers and CNNs with Explanation Methods". (**CVPR 2024 Oral/Best Student Paper Runner-up**)
- Mingqi Jiang, [Saeed Khorram](#), Li Fuxin. "Diverse Explanations for Object Detectors with Nesterov-Accelerated iGOS+". (**BMVC 2023**)
- [Saeed Khorram](#), Li Fuxin. "Cycle-Consistent Counterfactuals by Latent Transformations". (**CVPR 2022**)
- Mohamad H. Danesh, Anurag Koul, Alan Fern, [Saeed Khorram](#). "Re-Understanding Finite-State Representations of Recurrent Policy Networks". (**ICML 2021**)
- [Saeed Khorram](#), Tyler Lawson, Li Fuxin. "IGOS++: Integrated Gradient Optimized Saliency by Bilateral Perturbations". (ACM-CHIL 2021)
- Zhongang Qi, [Saeed Khorram](#), Li Fuxin. "Visualizing Deep Networks by Optimizing with Integrated Gradients". (**AAAI 2020**)

PROFESSIONAL SERVICES

- Reviewer for ICLR, ICML, NeurIPS, CVPR, ECCV, and AAAI.

CODING

- Python, PyTorch, Jax, Tensorflow, Matlab, C, JavaScript, HTML, CSS, Bash, Git, AWS, Kubernetes, Docker.