

SHERRY X. CHEN

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SUMMARY

Computer Science Ph.D. with a research focus on multi-modal image analysis and GenAI

EDUCATION

Ph.D. – Computer Science

University of California, Santa Barbara

📅 09/2019 – Present

B.S. – Computer Science, Applied and Computational Math Science

University of Washington

📅 09/2016 – 06/2019

EXPERIENCE

Intern, Vision Intelligence

Samsung Research America (SRA)

📅 09/2024 – 03/2025

Build automated image editing evaluation model using vision language models (VLMs) to improve image editing generative AI (GenAI)

Computer Vision Research Engineer

Layer AI

📅 10/2023 – 09/2024

Design copyright-safe GenAI to facilitate content creation for artists and game designers

Intern, Engineering Division

Appen

📅 08/2021 – 01/2022

Design innovative deep learning architecture for object detection and tracking

SELECTED PUBLICATIONS

Instruct-CLIP: Improving Instruction-Guided Image Editing with Automated Data Refinement Using Contrastive Learning

CVPR 2025

Sherry X. Chen, Misha Sra, Pradeep Sen

AID-AppEAL: Automatic Image Dataset and Algorithm for Content Appeal Enhancement and Assessment Labeling

ECCV 2024

Sherry X. Chen, Yaron Vaxman, Elad Ben Baruch, David Asulin, Aviad Moreshet, Misha Sra, Pradeep Sen

TiNO-Edit: Timestep and Noise Optimization for Robust Diffusion-Based Image Editing

CVPR 2024

Sherry X. Chen, Yaron Vaxman, Elad Ben Baruch, David Asulin, Aviad Moreshet, Kuo-Chin Lien, Misha Sra, Pradeep Sen

EChat: An Emotion-Aware Adaptive UI for a Messaging App

UIST 2023

Radha Kumaran, Viral Niraj Doshi, Sherry X. Chen, Avinash Aji Nargund, Tobias Höllerer, Misha Sra

Pair DETR: Toward Faster Convergent DETR

ICASSP 2023

Seyed Mehdi Iranmanesh, Sherry X. Chen, Kuo-Chin Lien

IntoTheVideos: Exploration of Dynamic 3D Space Reconstruction From Single Sports Videos

UIST 2021

Xiaotong Chen, Misha Sra