

SHERRY X. CHEN

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SUMMARY

a Computer Vision Research Engineer pursuing a Ph.D. in Computer Science, broadly interested in Machine Learning, Computer Vision, and Human-Computer Interaction with primary research focus on image/video synthesis and its applications

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

Computer Vision Research Engineer | Layer AI

10/2023 - Present San Francisco, California, United States

Design AI-driven, copyright-safe solution to facilitate content creation for artists and game designers

Computer Vision Researcher | Appen

08/2021 - 01/2022 San Jose, California, United States

Design innovative deep learning architecture for object detection and tracking

PUBLICATIONS

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

PatchTrack: Multiple Object Tracking Using Frame Patches

Preprint 2022

Xiaotong Chen, Seyed Mehdi Iranmanesh, Kuo-Chin Lien

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

UIST 2021

Xiaotong Chen, Misha Sra

SKILLS & TOOLS

Machine Learning Computer Vision Human-Computer Interactive Design Data Analysis User Research

Python R HTML/CSS Adobe CC ChatGPT Unix/Linux Windows