

YUANHAO WANG

Phone: (+1) 401-808-7141 ◊ Email: yuanhao4@cs.washington.edu

Homepage: <https://harrywang355.github.io/>

Google Scholar ◊ Github ◊ LinkedIn

EDUCATION

University of Washington

Sep. 2025 - Present

PhD in Computer Science

Advisors: Prof. Ira Kemelmacher-Shlizerman and Prof. Steve Seitz

Carnegie Mellon University

Aug. 2023 - May 2025

M.S. in Robotics

GPA: 3.95/4.0

Advisor: Prof. Fernando De la Torre

Brown University

Aug. 2019 - May 2023

Sc.B. in Applied Mathematics – Computer Science

GPA: 4.0/4.0

Graduated with Honors; won Senior Price in Computer Science

Advisor: Prof. James Tompkin

Thesis: Human-like Perceptual Biases in Convolutional Neural Networks

PUBLICATIONS AND MANUSCRIPTS

- [1] **GarmentCrafter: Progressive Novel View Synthesis for Single-View 3D Garment Reconstruction and Editing**, Yuanhao Wang, Cheng Zhang, Goncalo Frazao, Jinlong Yang, Alexandru-Eugen Ichim, Thabo Beeler, Fernando De la Torre
3DV 2026 (Oral Presentation)
- [2] **From Blurry to Believable: Enhancing Low-quality Talking Heads with 3D Generative Priors**, Ding-Jiun Huang, Yuanhao Wang, Shao-Ji Yuan, Albert Mosella-Montoro, Francisco Vicente Carrasco, Cheng Zhang, Fernando de la Torre
3DV 2026
- [3] **FabricDiffusion: High-Fidelity Texture Transfer for 3D Garments Generation from In-The-Wild Clothing Images**, Yuanhao Wang*, Cheng Zhang*, Francisco Vicente, Chenglei Wu, Jinlong Yang, Thabo Beeler, Fernando De la Torre (* equal contributions)
SIGGRAPH Asia 2024
- [4] **On Human-like Biases in Convolutional Neural Networks for the Perception of Slant from Texture**, Yuanhao Wang, Qian Zhang, Celine Aubuchon, Jovan Kemp, Fulvio Domini, and James Tompkin
ACM Transactions on Applied Perception 2023 (TAP 2023)

WORK EXPERIENCE

PhD Student Researcher, Google Research

June 2025 - Present

Advisor: Ira Kemelmacher-Shlizerman

Topic: Fit-Aware Virtual Try-On

ACADEMIC SERVICES

Student Volunteer at Siggraph Asia 2024

Reviewer for Siggraph Asia, CVPR and 3DV

HONORS AND AWARDS

Brown CS Senior Price	2023
Brown CS Honors	2023
Brown Undergraduate Teaching & Research Award	2021
National Champion in the 4th "Liji" Cup National High School Chinese Debate	2019

MISCELLANEOUS EXPERIENCE

Captain of Brown Badminton Team	<i>Sep 2022 - May 2023</i>
President of the United World College Chinese Debate Club	<i>Aug 2018 - May 2019</i>