

# YUANHAO WANG

Phone: (+1) 401-808-7141 ◇ Email: [yuanhao4@cs.washington.edu](mailto: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	<i>2023</i>
Brown CS Honors	<i>2023</i>
Brown Undergraduate Teaching & Research Award	<i>2021</i>
National Champion in the 4th "Liji" Cup National High School Chinese Debate	<i>2019</i>

## 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>