YUFU WANG

PhD Student

yufu@seas.upenn.edu | 908-720-8172 | Philadelphia, PA
yufu-wang.github.io | github.com/yufu-wang | linkedin.com/in/yufu-wang

EDUCATION

Ph.D. in Computer and Information Science
University of Pennsylvania
September 2021 – May 2026

Advisor: Prof. Kostas Daniilidis

M.S.E in Robotics
University of Pennsylvania
September 2018 – May 2020

Thesis title: 3D Bird Reconstruction

B.Sc. in Mechanical Engineering
Rutgers University
September 2014 – May 2018

GPA: 3.95/4, summa cum laude, Class rank: Top 2%

RESEARCH EXPERIENCE

Research Scientist Intern
Codec Avatars Lab, Meta
May 2025 – October 2025

Worked on generative models for reconstruction.

Machine Learning Intern
Meshcapade
May 2024 – November 2024

Worked on multimodal multi-person reconstruction.

Research Fellow
GRASP Lab, University of Pennsylvania
September 2021 – Present

Worked on digital human and animal research.

TEACHING EXPERIENCE

Teaching Assistant
CIS 580: Machine Perception
Spring 2020, Spring 2023, University of Pennsylvania

Teaching Assistant
CIS 107: Visual Culture Through the Eye of the Computer
Sprint 2022, Fall 2022, University of Pennsylvania

PROJECTS

PromptHMR
Promptable human mesh recovery with multimodal learning.
yufu-wang.github.io/phmr-page/

TRAM
World-grounded human motion and trajectory from casual videos in the wild.
yufu-wang.github.io/tram4d/

GART
3D Gaussian human and animal avatars from monocular videos.
www.cis.upenn.edu/~leijh/projects/gart/

AVES
Learned 3D multi-species bird shape space from image collections.
yufu-wang.github.io/aves/

HONORS AND AWARDS

The Matthew Leydt Society
Rutgers University
May 2018

Recognized for achieving the highest academic performance.

Aresty Best Research Poster
Rutgers University
May 2018

Awarded for best poster for undergraduate research in the STEM category.

SKILLS

Programming Languages
Python | C/C++ | MATLAB

Software Frameworks
PyTorch | PyTorch Lightning | Slurm | Tensorflow | Numpy | OpenCV