

Wei-Lin (Kimberly) Hsiao

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EXPERIENCE

- 2024 - PRESENT **Playground AI**, Seattle, WA
Research Scientist
- 2021 - 2024 **Amazon**, Seattle, WA
Applied Scientist
- 2020 - 2021 **Facebook AI Research (FAIR)**, Austin, TX
Visiting Researcher
- Worked with Kristen Grauman and Devi Parikh.
- 2018 **Facebook AI Research (FAIR)**, Menlo Park, CA
Research Intern

EDUCATION

- 2015 - 2021 **The University of Texas at Austin**
Ph.D. in COMPUTER SCIENCE
- Advisor: Prof. Kristen Grauman
 - Honor: Selected as Rising Star in EECS, 2020 (hosted by UC Berkeley)
- 2011 - 2015 **National Taiwan University**
B.S. in ELECTRICAL ENGINEERING

SELECTED RECENT PROJECTS

- 2024 - PRESENT **Unified MLLM-Diffusion Models for Image Editing**
Project Lead
- I lead the development of Playground AI's image editing models.
 - Currently powering <https://playground.com/>.
- 2021 - 2024 **Diffusion Models for Virtual Try-On**
Core Contributor
- Developed diffusion models for accurately synthesizing clothing on human images with diverse body shapes.
 - Currently powering the VTO service at Amazon Shopping.

SELECTED PUBLICATIONS & PATENTS

- [1] **VidaFit: Virtual Try-on with Body-Shape Aware Diffusion Model**
Oleksandr Vorobiov, Wei-Lin Hsiao, Nicolas Heron, Apoorv Chaudhri
Under review, patent submitted 2023
- [2] **From Culture to Clothing: Discovering the World Events Behind A Century of Fashion Images**
Wei-Lin Hsiao, Kristen Grauman
ICCV, 2021 ([Oral](#))
- [3] **ViBE: Dressing for Diverse Body Shapes**
Wei-Lin Hsiao, Kristen Grauman
CVPR, 2020 ([Oral](#))

- [4] **Fashion++: Minimal Edits for Outfit Improvement**
Wei-Lin Hsiao, Isay Katsman*, Chao-Yuan Wu*, Devi Parikh, Kristen Grauman
ICCV, 2019
- [5] **Creating Capsule Wardrobes From Fashion Images**
Wei-Lin Hsiao, Kristen Grauman
CVPR, 2018 ([Spotlight Oral](#))
- [6] **Learning the Latent “Look”: Unsupervised Discovery of a Style-Coherent Embedding from Fashion Images**
Wei-Lin Hsiao, Kristen Grauman
ICCV, 2017

PROFESSIONAL ACTIVITIES

- Reviewer: ICML 2025
- Reviewer: ACMMM 2025
- Reviewer: CVPR 2018, 2019, 2020, 2021, 2022, 2023, 2024
- Reviewer: ICLR 2023
- Reviewer: ECCV 2018, 2020, 2022
- Reviewer: ICCV 2019
- Teaching Assistance: Visual Recognition (CS 381V) 2017
- Student Volunteer (Travel Grant): CVPR 2016

PRESS COVERAGE

- CVPR Daily, [Dressing for Diverse Body Shapes](#), 2020
- Tech@facebook, [Using AI to enhance tourism](#), 2020
- TNW, [Wake up sheeple: AI shows all tourists basically take the same picture](#), 2020
- TechXplore, [Facebook zeroes in on tourist photography habits](#), 2020
- WWD, [Inside Facebook’s Bid to Crack the Fashion AI Code](#), 2020
- VentureBeat, [Facebook details the AI behind its shopping experiences](#), 2020
- UT-Austin News (Science & Tech), [Artificial Intelligence System Gives Fashion Advice](#), 2019
- WIRED, [Skirt or Jeans? Now an AI Can Offer You Styling Tips](#), 2019
- VentureBeat, [Fashion++ turns your fashion Don’t into a Do with minimal tweaks](#), 2019
- Vogue, [Facebook experiments with AI-powered styling program](#), 2019
- Engadget, [Facebook’s latest AI experiment helps you pick what to wear](#), 2019