

# Chi-Hsuan (Jason) Wu

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## EDUCATION

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- University of Texas at Austin** May 2026 - Dec. 2030 (Expected)  
*Ph.D. in Computer Science* USA
- Research advisor: Prof. Kristen Grauman
  - Research areas: Computer vision, machine learning, multimodal perception, human skill learning
- University of Texas at Austin** Sep. 2024 - May 2026  
*M.S. in Computer Science* USA
- Research advisor: Prof. Kristen Grauman
- Hong Kong University of Science and Technology** Sep. 2019 - Jun. 2023  
*B.S. in Data Science and Computer Science* Hong Kong
- Research advisor: Prof. Tim Kwang-Ting Cheng
  - GPA: 3.9/4.3 (**Top 2%**, Academic Achievement Medal)

## RESEARCH EXPERIENCE

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- Graduate Research Assistant - UT Austin** Aug. 2025 – Present  
*Advisor: Prof. Kristen Grauman* Austin, USA
- Energy-efficient egocentric skill assessment using gaze signals.
  - Procedural task visualization through clip sequence retrieval.
  - Human attention prediction from in-the-wild video, in collaboration with Viant TVision.
  - Human interaction forecasting in team sports, in collaboration with Amazon.
- Research Assistant - Academia Sinica** Nov. 2023 – Jan. 2024  
*Advisor: Prof. Jen-Chun Lin* Taiwan
- Human pose estimation and uncertainty estimation from monocular video.
- Bachelor Thesis - HKUST Vision and System Design Lab** Sep. 2022 – Sep. 2023  
*Advisor: Prof. Tim Kwang-Ting Cheng* Hong Kong
- Student engagement classification from webcam videos, in collaboration with LifeHikes.
- Research Assistant & Student Researcher - EPFL INDY Lab** Feb. 2022 – Aug. 2022  
*Advisor: Prof. Matthias Grossglauser* Switzerland
- Context-aware bias segment recognition in web articles.

## PUBLICATIONS AND PREPRINTS

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### SkillSight: Efficient First-Person Skill Assessment with Gaze

Chi-hsuan Wu, Kumar Ashutosh, Kristen Grauman

CVPR 2026, [[arXiv](#)] [[Project Page](#)]

### Stitch-a-Demo: Video Demonstrations from Multistep Descriptions

Chi-hsuan Wu\*, Kumar Ashutosh\*, Kristen Grauman

CVPR 2026, [[arXiv](#)] [[Project Page](#)]

### SportSkills: Physical Skill Learning from Sports Instructional Videos

Kumar Ashutosh, Chi-hsuan Wu, Kristen Grauman

arXiv 2026, [[arXiv](#)] [[Project Page](#)]

## CMOSE: Comprehensive Multi-Modality Online Student Engagement Dataset

Chi-hsuan Wu, Shih-yang Liu, Xijie Huang, Xingbo Wang, Rong Zhang, Luca Minciullo, ..., Kwang-Ting Cheng  
CVPR ABAW Workshop 2024, [arXiv] [Project Page]

## It's All Relative: Interpretable Models for Scoring Bias in Documents

Aswin Suresh, Chi-hsuan Wu, Matthias Grossglauser  
EACL 2024, [arXiv]

## INVITED TALKS

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### Efficient First-Person Skill Assessment with Gaze

Jun. 2026

- Oral presentation at the SAUAFG Workshop, CVPR 2026.

## HONORS AND AWARDS

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AI Travel Award, UT Austin	2026
Academic Achievement Medal ( <b>Top 2%</b> of all HKUST graduates)	2023
Dean's List Award (6 semesters)	2019-2023
Continuing Undergraduate Scholarship ( <b>Top 10%</b> university-wide, awarded 3 times)	2020-2023
HKSAR Reaching Out Award	2022
Lee Hysan Foundation Exchange Scholarship	2022

## SERVICE AND LEADERSHIP

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Peer Mentor - HKUST School of Science	2022
Web Developer - Entrepreneurship Center Student Group	2022
DevOps Engineer - HKUST Map Development Team	2021

## SKILLS

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### Languages & Frameworks

- Python, PyTorch, LaTeX

### Libraries & Tools

- Project Aria Tools, SMPL/SMPL-X, OpenCV, Git, Linux