

Kevin J Liang

Research Scientist at FAIR, Meta Superintelligence Labs

3D & 4D perception | world models | multimodal foundation models

kevinjliang@meta.com | kevinjliang.github.io | Google Scholar | GitHub | LinkedIn

EDUCATION

Ph.D., Electrical & Computer Engineering — Duke University	2020
M.S., Electrical & Computer Engineering — Duke University	2019
B.S.E., Electrical & Computer Engineering / Biomedical Engineering — Duke University	2015

EXPERIENCE

Meta — Research Scientist	2020 – present
Meta Superintelligence Labs / FAIR — 3D & 4D computer vision, egocentric perception	2021 – present
Facebook AI Applied Research (FAIAR) — computer vision	2020 – 2021
Duke University — Graduate Research Assistant	2015 – 2020
Advisor: Lawrence Carin	
Facebook — Software Engineer Intern	2019
Ads Core ML Modeling	
Google — Software Engineering Intern	2017
Cloud AI — Video Understanding	
Microsoft — Software Development Engineer Intern	2014
Duke University — Undergraduate Research Assistant	2013 – 2015
Advisors: Leslie Collins, Guillermo Sapiro	

SELECTED PUBLICATIONS

A selection of representative work; full list and citation metrics on [Google Scholar](#).

SAM 3D Team, Xingyu Chen, Fu-Jen Chu, Pierre Gleize, **Kevin J Liang**, Alexander Sax, Hao Tang, Weiyao Wang, Michelle Guo, Thibaut Hardin, Xiang Li, Aohan Lin, Jiawei Liu, Ziqi Ma, Anushka Sagar, Bowen Song, Xiaodong Wang, Jianing Yang, Bowen Zhang, Piotr Dollár, Georgia Gkioxari, Matt Feiszli, Jitendra Malik. [SAM 3D: 3Dfy Anything in Images](#), *Computer Vision and Pattern Recognition (CVPR - Best Paper Honorable Mention)* 2026.

Runsen Xu, Weiyao Wang, Hao Tang, Xingyu Chen, Xiaodong Wang, Fu-Jen Chu, Dahua Lin, Matt Feiszli, **Kevin J Liang**. [Multi-SpatialMLLM: Multi-Frame Spatial Understanding with Multi-Modal Large Language Models](#), *Computer Vision and Pattern Recognition (CVPR)* 2026.

Jianing Yang, Alexander Sax, **Kevin J Liang**, Mikael Henaff, Hao Tang, Ang Cao, Joyce Chai, Franziska Meier, Matt Feiszli. [Fast3R: Towards 3D Reconstruction of 1000+ Images in One Forward Pass](#), *Computer Vision and Pattern Recognition (CVPR)* 2025.

Kristen Grauman, ..., **Kevin J Liang**, ..., et. al. [Ego-Exo4D: Understanding Skilled Human Activity from First-and Third-Person Perspectives](#), *Computer Vision and Pattern Recognition (CVPR - Oral)* 2024.

Hao Tang, **Kevin J Liang**, Kristen Grauman, Matt Feiszli*, Weiyao Wang*. [EgoTracks: A Long-term Egocentric Visual Object Tracking Dataset](#), *Neural Information Processing Systems Track on Datasets and Benchmarks (NeurIPS D&B)* 2023.

Kevin J Liang, Samrudhdi B. Rangrej, Vladan Petrovic, Tal Hassner. [Few-shot Learning with Noisy Labels](#), *Computer Vision and Pattern Recognition (CVPR)* 2022.

Nikhil Mehta, **Kevin J Liang**, Vinay Kumar Verma, Lawrence Carin. [Continual Learning using a Bayesian Nonparametric Dictionary of Weight Factors](#), *Artificial Intelligence and Statistics (AISTATS)* 2021.

Kevin J Liang*, Weituo Hao*, Dinghan Shen, Yufan Zhou, Weizhu Chen, Changyou Chen, Lawrence Carin. [MixKD: Towards Efficient Distillation of Large-scale Language Models](#), *International Conference on Learning Representations (ICLR)* 2021.

Nathan Inkawhich, **Kevin J Liang**, Lawrence Carin, Yiran Chen. [Transferable Perturbations of Deep Feature Distributions](#), *International Conference on Learning Representations (ICLR) 2020*.

HONORS & AWARDS

- **Best Paper Honorable Mention**, CVPR 2026 (SAM 3D)
- E. Bayard Halsted Fellowship, Duke University (2017)
- George Sherrerd III Memorial Award — top undergraduate ECE student, Duke (2015)
- Da Vinci Award — top undergraduate BME student, Duke (2015)
- *Summa cum laude*, top 5% of class, Duke (2015)
- Graduation with Departmental Distinction, ECE, Duke (2015)
- Tau Beta Pi Scholarship (2014 – 2015)

SERVICE

- **Area Chair:** NeurIPS Datasets & Benchmarks (2022 – 2024), AAAI (2023), CVPR (2024, 2026), ECCV (2026)
- **Reviewer:** AAAI (2021 – 2022), BMVC (2020), CVPR (2021 – 2023, 2025), ECCV (2022, 2024), ICCV (2021, 2023, 2025), ICLR (2021 – 2025), ICML (2021 – 2023), NeurIPS (2020, 2022, 2023), TPAMI, WACV (2020)
 - Outstanding Reviewer: CVPR (2021, 2023, 2025), ECCV (2024), ICCV (2021), ICLR (2021 – 2023), ICML (2022, 2023), NeurIPS (2020)
- **Mentorship:** Duke “Engineering a Community”, Engineering Alumni Council, E-Team (President); Duke undergraduate admissions interviewer

TEACHING

Instructor

Duke +Data Science; Duke Machine Learning & NLP Schools; Duke–Tsinghua ML Summer School; Coursera “Introduction to Machine Learning” (designed materials & recorded lectures)

Teaching Assistant, Duke University

<i>ECE 590-16: Introduction to Deep Learning</i>	2018
<i>ECE 581: Random Signals and Noise</i>	2017
<i>ECE 381: Fundamentals of Digital Signal Processing</i>	2016
<i>ECE 110: Fundamentals of Electrical and Computer Engineering</i>	2014 – 2015
<i>Math 216: Linear Algebra and Differential Equations</i>	2012 – 2013