Runfeng Li

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EDUCATION

Brown University   Sep 2023 – Present
Master of Science in Computer Science

University of Illinois Urbana-Champaign   Jan 2021 – May 2023
Bachelor of Science in Mathematics and Computer Science

Tianjin University (Transferred out)   Sep 2018 – May 2020
Undergraduate Student in Electrical Engineering - Qiushi Elite Class

PUBLICATIONS

Runfeng Li, Mikhail Okunev, Zixuan Guo, Anh Ha Duong, Christian Richardt, Matthew O'Toole, James Tompkin. Time of the Flight of the Gaussians: Optimizing Depth Indirectly in Dynamic Radiance Fields. In *CVPR*, 2025 (oral; final score: 5,5,5)

Yiqing Liang, Mikhail Okunev, Mikaela Angelina Uy, **Runfeng Li**, Leonidas J. Guibas, James Tompkin, Adam Harley. Monocular Dynamic Gaussian Splatting: Fast, Brittle, and Scene Complexity Rules. In *TMLR*, 2025

PROJECTS

Photorealistic Physics Simulation and Elasticity Reconstruction   Spring 2024

- Implemented PhysGaussian using Taichi, code
- Demoed reconstructing elasticity fields through differentiable simulation of multi-view videos

TEACHING

Machine Learning Course Assistant   Fall 2022
University of Illinois Urbana-Champaign - CS 446, CS 307

TALKS

New England Computer Vision (NECV) Workshop, 2024: *Time of the Flight of the Gaussians: Fast and Accurate Dynamic Time-of-Flight Radiance Fields*