Vickie Ye

CONTACT INFORMATION

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EDUCATION

UC Berkeley, Berkeley, CA — Sept 2018 - Present
Ph.D. student in Electrical Engineering and Computer Science
Research Advisor: Angjoo Kanazawa

Massachusetts Institute of Technology, Cambridge, MA — Sept 2013 - June 2017
B.S. in Physics and Computer Science, M.Eng. in Computer Science
Research Advisor: William Freeman, Academic GPA (5.0/5.0)

SELECTED EXPERIENCE

UC Berkeley AI Research Lab, Berkeley, CA — September 2018 - present
Research Advisor: Angjoo Kanazawa

Google Research, New York City, NY — June 2021 - Dec 2021
Research Intern with Noah Snavely

Skydio Inc., Redwood City, CA — May 2020 - Sept 2020
Research and Autonomy Intern

MIT CSAIL, Cambridge, MA — Sept 2016 - Feb 2018
Computer Vision Research with Prof. William Freeman

SELECTED WORKS

Vickie Ye, Matthias Turkulainen, Angjoo Kanazawa. `gsplat`: A Toolbox for 3D Gaussian Splatting [Open source software]. https://github.com/nerfstudio-project/gsplat

Lea Muller, **Vickie Ye**, Georgios Pavlakos, Michael Black, Angjoo Kanazawa. "Generative Proxemics: A Prior for 3D Social Interaction from Images." *arXiV preprint 2306.09337v1.*
https://muelea.github.io/buddi/

Vickie Ye, Georgios Pavlakos, Jitendra Malik, Angjoo Kanazawa. "Decoupling Human and Camera Motion from Videos in the Wild." *IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2023.*
https://vye16.github.io/slahmr

Vickie Ye, Zhengqi Li, Richard Tucker, Angjoo Kanazawa, Noah Snavely. "Deformable Sprites for Unsupervised Video Decomposition." *IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2022 (Oral Presentation).*
https://deformable-sprites.github.io

Alex Yu, **Vickie Ye**, Matthew Tancik, Angjoo Kanazawa. "PixelNeRF: Neural Radiance Fields from One or Fiew Images." *IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2021.*
https://alexyu.net/pixelnerf

S Dean, N Matni, B Recht, **V Ye**. "Robust Guarantees for Perception-based Control." *IEEE Conference on Learning for Dynamics and Control (L4DC), 2020.* (α-β order).

Katherine L. Bouman, **Vickie Ye**, Adam Yedidia, Antonio Torralba, Gregory Wornell, William T. Freeman. "Turning Corners into Cameras: Principles and Methods". *IEEE International Conference on Computer Vision (ICCV), 2017. Spotlight Presentation*