

EDUCATION

The University of Texas at Austin

PhD Computer Science	2019 -
MS Computational Science	2016 - 2018
BS Computer Science	2013 - 2016
BS Mathematics	2013 - 2016

EXPERIENCE

Research Assistant , <i>UT Austin</i> , advised by Philipp Krähenbühl	2019 -
Research Intern , <i>Nvidia</i> , with Amlan Kar and Sanja Fidler	2022 - 2023
Research Intern , <i>Motional</i> , with Caglayan Dicle and Eric Wolff	2022
Research Intern , <i>Wayve</i> , with Zak Murez and Vijay Badrinarayanan	2021
AI Resident , <i>Intel</i> , with Vladlen Koltun	2018 - 2019
Research Assistant , <i>UT Austin</i> , advised by George Biros	2017 - 2018
Research Intern , <i>Uber</i>	2017
Software Engineering Intern , <i>Google</i>	2016
Software Engineering Intern , <i>Bloomberg</i>	2015
Software Engineering Intern , <i>Khronos</i>	2014

PUBLICATIONS

- [1] Compressed Map Priors for 3D Perception. Brady Zhou, Philipp Krähenbühl. *arXiv*, 2025.
- [2] Cross-view Transformers for real-time Map-view Segmentation. Brady Zhou, Philipp Krähenbühl. *CVPR*, 2022 (oral).
- [3] Domain Adaptation through Task Distillation. Brady Zhou, Nimit Kalra, Philipp Krähenbühl. *ECCV*, 2020.
- [4] Learning by Cheating. Dian Chen, Brady Zhou, Vladlen Koltun, Philipp Krähenbühl. *CoRL*, 2019.
- [5] Does computer vision matter for action? Brady Zhou, Philipp Krähenbühl, Vladlen Koltun. *Science Robotics*, 2019.
- [6] Don't let your Discriminator be fooled. Brady Zhou, Philipp Krähenbühl. *ICLR*, 2018.
- [7] GPU accelerated k-nearest neighbors kernel for sparse feature datasets. Brady Zhou, George Biros. *M.S. Thesis*, 2018.

TALKS

IEEE Intelligent Vehicles Workshop on Deep Learning for AD 2023
NeurIPS Workshop on ML4AD 2021

SERVICE

IEEE Conference on Computer Vision and Pattern Recognition (Reviewer) 2021 - 2025
European Conference on Computer Vision (Reviewer) 2022, 2024
IEEE International Conference on Computer Vision (Reviewer) 2023
Conference on Neural Information Processing Systems (Reviewer) 2021 - 2024
International Conference on Machine Learning (Reviewer) 2023
International Conference on Learning Representations (Reviewer) 2023 - 2025

TEACHING

Teaching Lead, Deep Learning (online M.S.), 1000+ students 2022 - 2026
Instructor, Neural Networks, 200 students 2020
Teaching Assistant, Neural Networks, 100 students 2019
Teaching Assistant, Intro to Programming, 100 students 2015 - 2016

AWARDS

Accessibility / Service for Students with Disabilities Teaching Award 2016
International Collegiate Programming Contest (South Central Region) 2nd place 2016
International Collegiate Programming Contest (South Central Region) 3rd place 2015