Stanford

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- Ph.D. Student in Aeronautics and Astronautics, admitted Spring 2022
- Masters Student in Aeronautics and Astronautics, admitted Autumn 2020
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Publications

PUBLICATIONS

- **Splat-Nav: Safe Real-Time Robot Navigation in Gaussian Splatting Maps** *IEEE TRANSACTIONS ON ROBOTICS*
  Chen, T., Shorinwa, O., Bruno, J., Swann, A., Yu, J., Zeng, W., Nagami, K., Dames, P., Schwager, M.
  2025; 41: 2765-2784
- **CATNIPS: Collision Avoidance Through Neural Implicit Probabilistic Scenes** *IEEE TRANSACTIONS ON ROBOTICS*
  Chen, T., Culbertson, P., Schwager, M.
  2024; 40: 2712-2728
- **Vision-Only Robot Navigation in a Neural Radiance World** *IEEE ROBOTICS AND AUTOMATION LETTERS*
  Adamkiewicz, M., Chen, T., Caccavale, A., Gardner, R., Culbertson, P., Bohg, J., Schwager, M.
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