

## Jianhao Zheng

Ph.D. Student in Civil and Environmental Engineering, admitted Autumn 2023

### Publications

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#### PUBLICATIONS

- **MAP-ADAPT: Real-Time Quality-Adaptive Semantic 3D Maps**  
Zheng, J., Barath, D., Pollefeys, M., Armeni, I.  
edited by Leonardis, A., Ricci, E., Roth, S., Russakovsky, O., Sattler, T., Varol, G.  
SPRINGER INTERNATIONAL PUBLISHING AG.2025: 220-237
- **Multi-HexPlanes: A Lightweight Map Representation for Rendering and 3D Reconstruction**  
Zheng, J., Valasek, G., Barath, D., Armeni, I., IEEE COMPUTER SOC  
IEEE COMPUTER SOC.2025: 2021-2031
- **WildGS-SLAM: Monocular Gaussian Splatting SLAM in Dynamic Environments**  
Zheng, J., Zhu, Z., Bieri, V., Pollefeys, M., Peng, S., Armeni, I., IEEE COMPUTER SOC  
IEEE COMPUTER SOC.2025: 11461-11471