



About the PI: Dr. Xingxing Zuo will be joining the Robotics Department at MBZUAI as a Tenure-Track Assistant Professor. He is currently a Postdoctoral Researcher in the Department of Computing and Mathematical Sciences at the California Institute of Technology (Caltech). He has previously served as a Visiting Faculty Researcher at Google and a Postdoctoral Researcher at the Technical University of Munich (TUM). Dr. Zuo's research interests lie in robotics, state estimation, embodied AI, and 3D computer vision. He currently serves as an Associate Editor for the IEEE Robotics and Automation Letters (RA-L, since 2022), and for the flagship robotics conferences IROS (2022-2025) and ICRA (2023-2025). Dr. Zuo's long-term research vision is to enable natural interaction and seamless collaboration between robots and humans in open environments by accurately understanding robot states, surrounding 3D scenes, and action execution.



Xingxing Zuo
Robotics Dept. @ MBZUAI



Research Areas: Robotics, 3D Computer Vision, Mixed Reality, State Estimation, SLAM, Reinforcement Learning, Foundation Model and Embodied AI.

Application Requirements: We are looking for highly motivated individuals with a strong interest in robotics, mixed reality, or embodied AI. Candidates should have a solid foundation in mathematics and programming, strong self-management and motivation, creativity, and a rigorous research attitude with adherence to academic integrity. PhD applicants are expected to have published in top-tier venues in relevant fields as a primary author. Applicants from non-English-speaking countries are required to submit TOEFL or IELTS scores.

About the University: Mohamed bin Zayed University of Artificial Intelligence (MBZUAI), located in Abu Dhabi, UAE, is the world's first university dedicated exclusively to artificial intelligence. Established by the UAE government in 2019, MBZUAI offers graduate programs in AI, Computer Vision, Machine Learning, Natural Language Processing, Robotics, and Computational Biology. According to CSRankings, MBZUAI has quickly risen to 9th place globally across its six core programs.

How to Apply: Please send the following documents to Email xingxingzuo@outlook.com : CV in English, Academic transcript(s), Representative publications (if any), Names and email addresses of 2–3 referees (or 2–3 reference letters). The university will also arrange admission interviews and assessments as part of the process. Email subject format: `[Position] + [Your Name] + [Your Affiliation]`, Only shortlisted applicants will be contacted!

Benefits & Compensation: All PhD students receive full scholarships with tuition fully waived, a tax-free stipend of ~34K USD per year, free on-campus housing, and round-trip airfare. Students also have access to ample GPU computing resources and abundant robots and sensors.

Know More about the PI: <https://xingxingzuo.github.io/>

University website: <https://mbzuai.ac.ae/>

Location: Abu Dhabi, United Arab Emirates

If you are interested in joining for Fall 2025, please reach out by May 5!