

Dear Hiring Manager,

I am writing to express my keen interest in the position of Robotics Mapping Engineer at your esteemed organization. With my extensive knowledge and experience in Robotics, Deep Reinforcement Learning, Multiagent Path Planning, and my strong research background as a Master's graduate from the National University of Singapore, I believe I am the perfect fit for this role.

As an individual with a passion for creating innovative solutions in Robotics, I am excited about the opportunity to contribute to the overall design and development of various components of your environment mapping system. Additionally, my experience with Linux OS (ubuntu 20.04), ROS, TensorFlow2 structure, Gym framework, PyBullet simulation environment, and Git tool would enable me to make significant contributions to your team. Moreover, I am well-versed in developing approaches that enable lifelong mapping for robots in their operating environments and building benchmarks to automatically test the performance of the mapping system in a range of edge cases.

In addition, I have experience in writing invention disclosures that lead to patents, and I am excited about the prospect of building your IP portfolio. I believe that my expertise in Robotics, coupled with my passion for innovation, would make me a valuable asset to your organization.

Thank you for considering my application. I would appreciate the opportunity to discuss my qualifications and experience further. I look forward to hearing from you soon.

Sincerely,

Kang Qi