

The Institute of High Performance Computing (IHPC), A*STAR, was established in April 1998 to provide leadership in high performance computing as a strategic resource for scientific inquiry and industry development. Our mission is to advance science and technology, and develop leading-edge applications through high performance computing and computational science. We have long-term ties with industry partners, including multinational companies and local SMEs, which ensures that our R&D activities stay focused and relevant to real-world needs. We also have active cooperation with the world's top academics and academic institutions.

We are looking for highly motivated individuals who are able to work independently and yet are good team players, possess excellent analytical, technical and problem-solving skills, good technical writing and presentation skills. If you share our interests in solving challenging scientific problems, we welcome you to apply for the following positions.

Research Scientists (Artificial Intelligence)

We seek motivated scientists with talents and inclination to pursue cutting-edge research in AI, and are keen to join a team developing the next-generation AI systems.

You will conduct cutting-edge R&D on AI related projects/grants. These positions involve developing various AI-driven applications, systems and platforms such as for healthcare, digital economy, agritech, advanced manufacturing and engineering.

Requirement

- PhD degree in Computer Science/Electrical & Electronics Engineering/Computer Engineering or equivalent
- Solid programming skills in Python or C/C++
- Experience in one or more areas of AI, such as Machine Learning, Computer Vision, and Natural Language Processing

Preferred qualifications (one or more of the following)

- Experience in applying AI to real-world problems
- Relevant work experience in industry and/or academia
- Expertise in one or more areas/topics of AI, such as Machine Learning, Computer Vision, Natural Language Processing, Deep Learning, etc.
- Strong track record of research in AI (e.g., publications in related conferences like ICML, NeurIPS, ICLR, AAAI, ACL, CVPR, ICCV, SIGIR, SIGMOD, HPCA, ISCA, and DAC, or journals such as JMLR, AIJ, IJCV, IEEE Transactions and ACM Transactions)

For applicants, please send your curriculum vitae to Dr Liangli Zhen (zhenll@ihpc.a-star.edu.sg).