Recruitment for AI Positions at the National University of Singapore (NUS) – PhD, Postdoc, Visiting Students, Interns, RAs (Fully Scholarship/Paid) – Dr. Yatao Bian

Introduction

Dr. Yatao Bian (https://yataobian.com) will be joining the School of Computing at the National University of Singapore (NUS) full-time in Fall 2025 as an Assistant Professor, PhD advisor, and independent Principal Investigator. He has ample startup funding, computational resources, and fully funded PhD student quotas.

Dr. Bian is currently recruiting Postdoctoral Fellows, PhD students, Research Assistants (RAs), Visiting Students (including CSC scholars), and Interns. His research focuses on expanding the capabilities of Artificial Intelligence in the domain of AI for Science (AI4SCI), aiming to drive AI technological breakthroughs to help solve critical open problems in science and society. His research areas include AI4SCI (currently with an emphasis on molecules/materials), Graph Machine Learning/Large Language Models (LLMs), and related AI Reliability issues.

Interested candidates are welcome to email yatao.bian@gmail.com with the subject line format: "Application for NUS [Position Name] - Your Name - Graduating University". Please attach your CV and any other materials you are proud of (e.g., research experience, transcripts) to the email. `

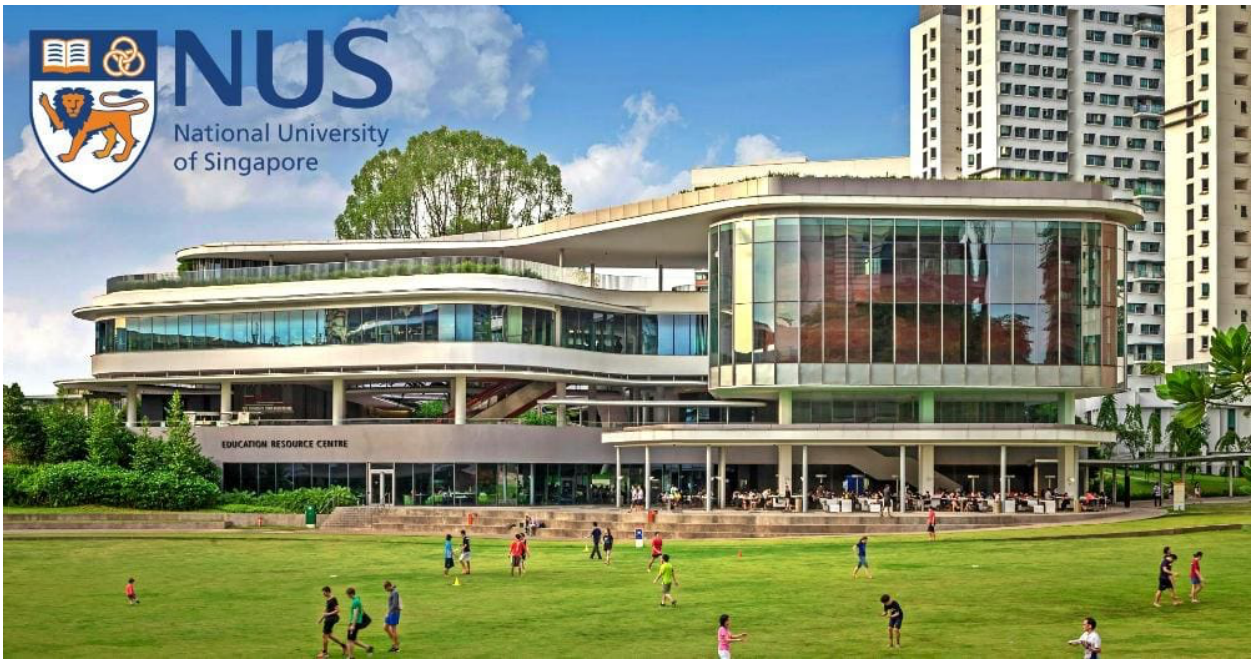
Dr. Bian fosters a relaxed and supportive mentorship style, backed by extensive research experience. The NUS School of Computing is highly international, offering an overall nurturing research environment. Dr. Bian advocates for **coaching-style guidance**. He has supervised numerous Master's thesis projects for students from ETH Zurich's Department of Computer Science and internship projects at Tencent AI Lab. He has also successfully recommended several interns for fully funded PhD programs at top universities in Europe and America.

Further Recruitment Details

For ongoing recruitment details and more information, please follow Dr. Bian's Twitter profile (ID: yataobian, https://twitter.com/yataobian) or rednote page (ID: bluewhalelab, https://www.xiaohongshu.com/user/profile/5c1f951f0000000005037674)

About NUS

The National University of Singapore (NUS) is a leading global university in Asia. As of 2025, NUS is ranked 8th globally (1st in Asia) in the QS World University Rankings, with 22 disciplines in the world's top ten. Its Computer Science and Information Systems program is ranked 4th globally.



Supervisor Profile

Dr. Yatao Bian received his PhD from the Department of Computer Science, Institute of Machine Learning, at ETH Zurich, and his Bachelor's degree from Shanghai Jiao Tong University. He has extensive research experience at Google Research and Tencent AI Lab, where he was recognized as a Tencent Global Distinguished Scientist and an Outstanding Mentor. From 2015 to 2020, he was also an associated fellow at the Max Planck ETH Center for Learning Systems. His current research focuses on AI4SCI (with a current emphasis on molecules/materials), Graph Machine Learning/Large Models, and related AI Reliability issues. He has published numerous papers in top-tier machine learning conferences and journals such as NeurIPS, ICML, ICLR, IJCAI, AISTATS, and T-PAMI, and serves as an Area Chair for ICLR and NeurIPS, and a reviewer for JMLR, T-PAMI, and Nature Machine Intelligence.

Dr. Bian advocates for **coaching-style guidance**. He has supervised numerous Master's thesis projects for students from ETH Zurich's Department of Computer Science and internship projects at Tencent AI Lab. He has also successfully recommended several interns for fully funded PhD programs at top universities in Europe and America.

Recruitment Information:

Dr. Yatao Bian is currently recruiting fully funded PhD students in AI at the NUS School of Computing (for Spring 2026 admission and onwards). **Other positions are available to start at any time**: Paid Postdoctoral Fellows, RAs, Interns, and Visiting Students (e.g., CSC visiting students). Scholarships/salaries are generous and competitive, at least on par with the general levels at the NUS School of Computing.

What I Will Provide:

1. Hands-on research guidance, along with competitive scholarships/salaries and benefits.
2. Comprehensive research support, including but not limited to ample computational or experimental resources, and the recruitment of undergraduate research assistants.
3. Diverse internal and external collaboration opportunities.
4. Recommendations for internship opportunities at leading tech companies, including but not limited to Google, Facebook, Microsoft, Tencent, Alibaba, etc.
5. Recommendations for visiting/exchange opportunities at renowned institutions with collaborative "sibling labs," including but not limited to ETH Zurich, Caltech, MIT, Imperial College London, EPFL, UCLA, Yale, University of Pennsylvania, University College London, etc.

PhD Requirements:

1. Applications are welcome from students with diverse backgrounds (Computer Science, theory, empirical, or Science). Excellent academic record required.
2. Solid programming foundation, familiar with mainstream deep learning frameworks such as PyTorch. ACM/ICPC or NOI/IOI award winners are preferred.
3. Research experience and practical background in Machine Learning or AI4SCI. Candidates with experience in cutting-edge deep learning research (e.g., GNNs, Transformer-based models, and diffusion models) are preferred. Those with relevant research publications are preferred.
4. Good English reading, writing, and oral communication skills. General English proficiency requirements for PhD admission: TOEFL >=90, IELTS >=6.5 (English proficiency requirements may be relaxed for exceptionally outstanding applicants).
5. Highly self-motivated with a strong passion for research.

Postdoc Requirements:

In addition to the basic requirements, candidates should possess strong self-motivation and problem-solving skills, with the ability to conduct high-quality research independently. They should have a strong spirit of innovation and passion for research, capable of driving project progress within a team.

What I Will Provide (for Postdocs):

1. Highly competitive salary and benefits.
2. Comprehensive academic support and resources, with ample research funding provided.
3. A positive academic atmosphere and an international working environment that encourages personal growth and career development.