

Bin Shao

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SUMMARY Bin Shao is a senior principal research manager at Microsoft Research AI for Science. He joined Microsoft after receiving his Ph.D. degree from Fudan University in July 2010. His research interests include ab initio molecular dynamics, computational quantum chemistry, computational biology, machine learning, and distributed computing. The results of his research have appeared in many top conferences and leading journals. Microsoft Graph Engine, which was built by Bin’s team, is serving many Microsoft products and services, such as Microsoft Satori knowledge graph, Bing search, MSN, Xbox, and Cognitive Services. Bin is the initiator and the main developer of LightAIMD, which is an open-source lightweight AIMD (*ab initio* molecular dynamics) simulation program.

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HIGHLIGHTED PAPERS Tong Wang*, Xinheng He, Mingyu Li, Yatao Li, Ran Bi, Yusong Wang, Chaoran Cheng, Xiangzhen Shen, Jiawei Meng, He Zhang, Haiguang Liu, Zun Wang, Shaoning Li, *Bin Shao**, Tie-Yan Liu. Ab initio characterization of protein molecular dynamics with AI2BMD, Nature, 06 November 2024.

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