

SHENG CHEN



🔗 chenshengsgithub.github.io · 🎓 bit.ly/chenshengsgoogle scholar

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🎓 EDUCATION

Sun Yat-sen University , Guangzhou, China <i>PhD Student</i> in Computer Science and Technology, expected June 2025	2021 – Present
Sun Yat-sen University , Guangzhou, China <i>M.Eng.</i> in Software Engineering	2018 – 2020
Sun Yat-sen University , Guangzhou, China <i>B.Eng.</i> in Software Engineering	2014 – 2018

👤 EXPERIENCE

National Supercomputing Center Guangzhou, China <i>PhD Candidate</i>	2021 – Present Computer Science, Machine Learning, AI for Life Science
AlxplorerBio Inc. Shanghai, China <i>Director of AI</i>	2022 – 2023 AI Platform AlxMTDD™ for Dual-target Drug Design
Huawei Inc. Shenzhen, China <i>Software Engineer</i>	2020 – 2021 Huawei Cloud CodeArts Pipeline
Baidu Inc. Shenzhen, China <i>Intern</i>	2020 Automatic Vehicle Damage Assessment Algorithm

📖 PUBLICATION

Journal/Conference	Research Topic	Author Rank (Date)
Nature Communications	Cryo-EM Protein Complex Structure Modeling	1 th (2024)
Nature Communications	Enzyme Functions Prediction	3 th (2024)
Chemical Science	Dual-target Drug Design	1 th (2024)
J. Chem. Inf. Model.	Structure-Based Drug Design	co-1 th (2024)
IEEE BIBM	Protein Side Chain Conformation Prediction	co-1 th (2023)
J. Comput. Chem.	Protein Mutated Solubility Prediction	co-1 th (2023)
Briefings in bioinformatics	Protein Intrinsic Disorder Prediction	3 th (2023)
Bioinformatics	B-Cell Epitopes Prediction	4 th (2023)
Briefings in Bioinformatics	Protein-Metal-Iron Binding Site Prediction	2 th (2022)
Briefings in Bioinformatics	Protein-DNA Binding Site Prediction	2 th (2022)
IEEE BIBM	Cryo-EM Protein Structure Modeling	1 th (2021)
Nature Machine Intelligence	Drug-Protein Interaction Prediction	3 th (2020)
J. Chem. Inf. Model.	Protein Design by Sequence Profile Prediction	1 th (2019)

🏆 HONORS

Title	Institution (Date)
Champion of the Cryo-EM Protein Structure Modeling Challenge	National Protein Science Center Alibaba Intel (2022)
Outstanding Thesis	SCSE, Sun Yat-sen University (2020)

💡 PHILOSOPHY

Do not go gentle into that good night
Rage, rage against the dying of the light
Bridge, bridge across the realms of depth and sight