SHENG CHEN

⚲ chenshengsgithub.github.io · 🎓 bit.ly/chenshengsgooglescholar

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🎓 EDUCATION

Sun Yat-sen University, Guangzhou, China | 2021 – July 2025 (expected)
PhD Student in Computer Science and Technology

Sun Yat-sen University, Guangzhou, China | 2018 – 2020
M.Eng. in Software Engineering

Sun Yat-sen University, Guangzhou, China | 2014 – 2018
B.Eng. in Software Engineering

👥 EXPERIENCE

National Supercomputing Center Guangzhou, China | 2021 – Present
PhD Candidate | Computer Science, Machine Learning, AI for Life Science

AIxplorerBio Inc. Shanghai, China | 2022 – 2023
Director of AI | AI Platform AIxMTDD™ for Dual-target Drug Design

Huawei Inc. Shenzhen, China | 2020 – 2021
Software Engineer | Huawei Cloud CodeArts Pipeline

Baidu Inc. Shenzhen, China | 2020
Intern | Automatic Vehicle Damage Assessment Algorithm

📖 PUBLICATION

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