

SHENG CHEN



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🎓 EDUCATION

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

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

🏆 HONORS

| Title | Institution (Date) |
|---|--|
| Tencent Scholarship | Tencent SCSE, Sun Yat-sen University (2024) |
| Outstanding Poster of AI for Science doctoral student conference in GBA | Peking University (2024) |
| 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

"Bridge, bridge across the realms of depth and sight"- inspired by Dylan Thomas's *Do not go gentle into that good night.*