

Wenye Xiong

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RESEARCH INTEREST

AI for Medicine and Science, Health Foundation Models, Multimodal Machine Learning
Generative AI, De novo Protein Design, Protein Structure Prediction

EDUCATION

ShanghaiTech University

B.E. in Computer Science and Technology

– GPA: 3.73/4.0

– Rank(CS major): 22/176

– Rank(School of Information Science and Technology): 32/266

Shanghai, CHN

September 2023 - June 2027 (expected)

AWARDS & HONORS

- 2023 OUTSTANDING MENTOR ASSISTANT, ShanghaiTech University, 2023
- GOLD MEDAL, International Genetically Engineered Machine Competition (iGEM), 2024
- AI HONOR CLASS, ShanghaiTech University, 2024-2027(expected)

EXPERIENCE

PACIFY project for iGEM 2024 [\[wiki\]](#)

Modeling & Hardware Team Member

Dec. 2023 - Oct. 2024

MakeSense, ShanghaiTech First SensUs Team

Co-Founder & Leader of Data Analysis Team

Aug. 2024 – present

Virtual Reality and Visual Computing Center (VRVC), ShanghaiTech

Undergraduate Research Assistant, Supervisor: Dr. Minzhang Li

June 2024 - Oct. 2024

TECHNICAL STRENGTHS

Programming Languages

Matlab, Python, C&C++

Framework & Toolchain

PyTorch, Git, Docker, Linux, Rosetta

Misc

L^AT_EX, Markdown, CET-6: 646

PUBLICATIONS

No publication yet.

COURSE PROJECTS

- NTU Machine Learning 2022 Spring by Prof. Hung-yi Lee [\[code\]](#)
- Protein Design Course Project: OBP design for biosensors

SELECTED COURSES

○ Postgraduate Level:

Game Theory, Information retrieval and utilization

- **Undergraduate Level:**

Linear Algebra, Calculus, Probability and Statistics for Information Science, Data Structure and Algorithm, Introduction to Information Science and Technology, Introduction to Economics, Introduction to Synthetic Biology: Principles and Applications, Introduction to Programming, Discrete Mathematics, United States History, Protein Design.