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   **Shanghai, CHN**
B.E. in Computer Science and Technology   *September 2023 - June 2027 (expected)*
  – GPA: 3.73/4.0
  – Rank(CS major): 22/176
  – Rank(School of Information Science and Technology): 32/266

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]   *Dec. 2023 - Oct. 2024*
Team Member

MakeSense, ShanghaiTech First SensUs Team   *Aug. 2024 – present*
Co-Founder & Leader of Data Analysis Team

Virtual Reality and Visual Computing Center (VRVC), ShanghaiTech   *June 2024 - Oct. 2024*
Undergraduate Research Assistant, Supervisor: Dr. Minzhang Li

TECHNICAL STRENGTHS

Programming Languages	Matlab, Python, C&C++
Framework & Toolchain	PyTorch, Git, Docker, Linux, Rosetta
Misc	LaTeX, Markdown, CET-6: 646

PUBLICATIONS

No publication yet.

COURSE PROJECTS

○ **NTU Machine Learning 2022 Spring by Prof. Hung-yi Lee** [code]
○ **De Novo Protein Design of Odorant Binding Proteins for VOCs Recognition** [code]

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.