

Xuming Huang

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<https://mac-huang.github.io/>

Aspiring AI and NLP researcher with internship experience at Apple and a strong academic record in Computer Science. Skilled in machine learning, deep learning, and applied research.

EDUCATION

STANFORD UNIVERSITY

Summer Session Program

Stanford, CA

Jun 2025 – Aug 2025

UNIVERSITY OF WISCONSIN-MADISON

Computer Science, Computer Engineering

Madison, WI

Jan 2025 – Present

UNIVERSITY OF SHANGHAI FOR SCIENCE AND TECHNOLOGY

Computer Science and Technology

Shanghai, China

Sep 2021 – Dec 2024

GPA: 3.83/4.5; Major GPA: 4.5/4.5 (Top 1 for 2023 & 2024)

Core Courses: Machine Learning (97), Artificial Intelligence (95), Data Structure (95), Computer Organization (99), Operating System A (95), Java Programming (98), Engineering Cognitive Practice (95), and related labs.

INTERNSHIP EXPERIENCE

Apple

NLP Algorithm Intern

Remote

Oct 2024 – Dec 2024

- Improved App Store personalization via NLP-driven search and recommendation algorithms.
- Conducted sentiment analysis on user reviews using LSTM.
- Developed real-time multilingual translation for FaceTime using Transformer models.

Cool AI Technology

Technical R&D, Product Dev & Ops

Shanghai, China

Jul 2024 – Sep 2024

- Researched cutting-edge AI models for commercial application.
- Deployed AI-Hub project backend APIs and crafted user interfaces.
- Demonstrated products at public events and helped deliver AI training.

Shanghai Wangbo Sports Consulting

Flag Football Coach & Program Manager

Shanghai, China

Dec 2021 – Mar 2023

- Designed training and managed tournaments for youth/adult teams.
- Developed safety-compliant competition rules and served as judge.

RESEARCH EXPERIENCE

Image Classification Algorithm Analysis <i>Independent Researcher</i>	Shanghai, China <i>Jan 2024 – Jun 2024</i>
<ul style="list-style-type: none">Benchmarked SVM, KNN, RF (max 47%) vs. CNN (81.3% accuracy).Introduced 2-stage inference using ResMacNet; improved accuracy by 3%.	

NFL Game Outcome Prediction <i>Independent Researcher</i>	Shanghai, China <i>Dec 2023 – Jun 2024</i>
<ul style="list-style-type: none">Modeled EPA-based team features using EWMA techniques.Achieved 63.5% cross-validation accuracy via logistic regression.	

USST Flag Football Strategy <i>Head Strategic Analyst</i>	Shanghai, China <i>Oct 2022 – Jun 2024</i>
<ul style="list-style-type: none">Built Expected Points model using linear regression for play evaluation.Provided game analysis to improve team strategy and coaching.	

HONORS & AWARDS

<ul style="list-style-type: none">Presidential Scholarship, USST – Top 1 Student (Oct 2024)Merit Scholarships, USST – Top 3% (Mar 2023, Oct 2022)National Flag Football Champion – Chinese Rugby Football Association (Dec 2023)NFL “Shining Star” Flag Competition Winner (Dec 2023)	
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EXTRACURRICULAR ACTIVITIES

USST Flag Football Team <i>Team Leader & Quarterback</i>	Shanghai, China <i>Oct 2021 – Jun 2024</i>
Rainbow Garden Community Committee <i>Community Engagement Pioneer</i>	Shanghai, China <i>Oct 2021 – Jun 2024</i>
Shanghai Natural History Museum <i>Visitor Services & Accessibility Assistant</i>	Shanghai, China <i>Dec 2022 – Apr 2023</i>

PROFESSIONAL SKILLS

Languages: English (Fluent, Duolingo 150/160), Mandarin (Native)
Programming: Python, Java, C, JavaScript (Beginner)
Tools: Git, Anaconda, VS Code, Dev-C++
Certificates: Advanced Developer of AI Technologies, NSAC
Familiarity: PyTorch, TensorFlow, CNN, RNN, Transformers, LLMs (GPT2, LLaMA3.1)
Soft Skills: Analytical Thinking, Teamwork, Adaptability, Communication