

Profile

- Fourth-year PhD student, School of AI, Shanghai Jiao Tong University; B.Eng., UM–SJTU Joint Institute.
- Research in **sports AI and soccer understanding**; leading SJTU’s **AI + Sports** initiative.
- Advisors: **Yanfeng Wang** (Executive Dean) and **Weidi Xie** (Associate Professor; CEO, OneX Intelligence), SJTU School of AI.
- **Sports AI entrepreneur**: personalized live viewing for fans; video analytics and tactical insights for soccer teams.

Education

Ph.D. Shanghai Jiao Tong University · Computer Science and Technology	2023.09–Present
Visiting Scholar FIFA Research Institute · IVUL, KAUST, Saudi Arabia	2026.02–Present
B.Eng. UM–SJTU Joint Institute · Electrical and Computer Engineering; Data Science Minor	2019.09–2023.08
Exchange MIT Winter Program; University of Wisconsin–Madison	Undergraduate

Selected Projects

SoccerMaster Soccer Vision Foundation Model CVPR 2026 Website Demo Paper Oral Best Paper Candidate: the only sports-themed candidate in the history of top-tier AI conferences. Title: “SoccerMaster: A Vision Foundation Model for Soccer Understanding” Unifies soccer tasks and data for detection, tracking, recognition, event understanding and commentary into a general visual backbone for soccer AI platforms.	
UniSoccer Soccer Foundation CVPR 2025 Website Demo Paper “Towards Universal Soccer Video Understanding” Introduced 1,988 matches and MatchVision, unifying action recognition, commentary and foul understanding for research, media and soccer clubs.	SoccerAgent Soccer Agents ACM MM 2025 Website Demo Paper Oral “Multi-Agent System for Comprehensive Soccer Understanding” Built SoccerWiki and SoccerBench; combines retrieval, task planning and multi-agent reasoning for fan Q&A and intelligent match viewing.
BasketEvent Player Events BMVC 2026 Website Demo Paper “BasketEvent: Understanding Who Did What and When in Basketball Videos” Built an NBA event dataset and PlayNet to identify who did what and when, with visual evidence for highlights, match review and analytics.	GenTac Tactical Forecasting Under Review Website Demo Paper “GenTac: Generative Modeling and Forecasting of Soccer Tactics” Developed TacBench and a diffusion model for player trajectories, event recognition and attack/defense simulation to inform tactical review and coaching.
MatchTime AI Commentary EMNLP 2024 Website Demo Paper Oral “MatchTime: Towards Automatic Soccer Game Commentary Generation” Built a commentary dataset and MatchVoice; video-text alignment improves live commentary, highlight narration and intelligent match viewing.	SoccerRef-Agents AI Refereeing ISACE 2026 Website Demo Paper Oral “SoccerRef-Agents: Multi-Agent System for Automated Soccer Refereeing” Combines foul detection, rules and case knowledge with multi-agent reasoning for explainable decisions, referee training, officiating support and youth coaching.
BasketballSkills Basketball Agent Under Review Website Demo Paper “Towards Comprehensive Basketball Understanding” Built BasketballBench: 7,980 questions across 10 tasks. Uses 8 tools and 4 reusable skills for player perception, event localization and retrieval, enabling basketball Q&A and analysis.	TennisVAR Tactical Reasoning Under Review Website Demo Paper “TennisVAR: A Stroke-Evidence-Grounded Multimodal Large Language Model for Tactical Reasoning in Tennis Videos” Built TRACE: 11,189 rallies linking strokes, tactics and evidence chains to key actions for verifiable match review and training analysis.
WorldCupArena WorldCup Forecast Under Review Website Demo Paper “WorldCupArena: Fine-Grained Evaluation of Language Models and Deep-Research Agents on Football Forecasting” Evaluates 13 models and agents on 104 World Cup matches, with pre-match forecasts and post-match checks for score/event evaluation and fan engagement.	SoccerNet 2026 CVPR Challenge Review Under Review Website Demo Paper “SoccerNet 2026 Challenge Results” Co-organized benchmarks in action forecasting, player events, view synthesis, pitch localization and visual Q&A. Reviewed 427 teams to advance reproducible research and community collaboration.

Product

MatchMate Real-Time Personalized AI Viewing Companion Website RedNotes WeChat Built for the 2026 FIFA World Cup, MatchMate is a personalized AI match companion combining live data, in-match Q&A, customizable commentary and multi-screen/multi-match viewing. Fans can explore players, tactics, rules and match developments, and tailor commentary, screen layouts and viewing pace—making every match easier to follow and more engaging.	
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Collaboration & Highlights

- **Research:** First-author sports AI papers at **top-tier AI conferences** over the past two years; multiple **oral presentations (top 5–10%)**. Expertise spans datasets, foundation models, knowledge bases and multi-agent design, training and interaction.
- **Leadership:** Built research communities and led teams delivering sustained results across sports. Combines **technical depth, sports expertise and storytelling** with project leadership, collaboration and public communication.
- **Collaboration:** Seeking partners/advisors in **engineering, product and commercialization** to bring research into practice.
- **Sports:** Long-standing involvement across sports; won **provincial/ministerial-level medals** for SJTU in soccer and tennis.