TAOYUAN YANG

Business Administration | Sports Business | Technology

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PROFILE

Business administration undergraduate and national-level basketball athlete with experience in sports business analysis, credit operations and insurance. Interested in the intersection of sport, finance and technology, with practical experience using Excel, Python and AI-assisted research.

EDUCATION

South China University of Technology | Bachelor of Management in Business Administration
Guangzhou, China | Sep 2023 – Jun 2027 | GPA: 3.34 / 4.0

Selected coursework: Strategy Management, Operations Management, Accounting, Business Data Mining, Big-Data Intelligent Financial Decision-Making, Marketing Research and Sports & Entertainment Marketing.

PROFESSIONAL EXPERIENCE

Credit & Investment Intern | Guangdong Guangsheng Financial Co., Ltd.
Guangzhou, China | Jul 2026

- Reviewed loan contracts, credit reports, financial statements and credit files; identified discrepancies and supported credit-risk review.
- Organised verification points and review materials in Excel to support documentation, traceability and team review.
- Structured credit files and review notes to support risk-control procedures and follow-up checks.

Business Analysis & Digital Project Intern | Shenzhen Fisherman Professional Basketball Club Co., Ltd.
Shenzhen, China | Mar 2026 – May 2026

- Prepared business-positioning and feasibility materials covering competition, venue and courses, sponsorship and fan engagement.
- Built illustrative Excel activity cash-flow scenarios and break-even and sensitivity analyses using stated assumptions for management discussion.
- Assisted with wearable heart-rate data collection and the organisation of individual training and recovery materials for coaching staff.
- Used Python and AI/LLM tools to support industry research, summarise materials and organise information for business discussions.
- Contributed to feasibility research on sponsorship, digital opportunities and fan engagement; distinguished proposals and illustrative scenarios from realised business results.

Sales Management Assistant, Group Business | CITIC-Prudential Life Insurance Co., Ltd.
Hubei Branch, China | Jun 2025 – Aug 2025

- Supported client risk-preference and insurance asset-allocation research and organised materials for business discussions.
- Applied knowledge of athletes' career and protection needs to client risk-analysis discussions.
- Used Excel, Python and AI tools to organise client information and research materials, supporting internal collaboration and solution preparation.

RESEARCH & PROJECTS

AI Basketball Computer Vision | Independent Exploration | 2026 – Present

- Exploring player-pose estimation, person segmentation and basketball detection using YOLO and OpenCV with video or screen input.
- Implemented an experimental manually calibrated court-boundary check and local ball-search approach; the prototype requires further testing and has not been deployed.

Stock-Market Risk Early-Warning System | Course Project, Team Lead | 2026

- Led a team course project developing a Python-based two-layer risk-signal model using XLK, XLP and QQQ ETF data.
- Explored historical back-testing and signal thresholds; presented the work through a Python prototype, interactive dashboard and team presentation.

AI–Finance Research Collaboration Network | Course Project | 2026

- Used Python to merge, deduplicate and standardise 4,018 research records across 10 batches and construct a weighted co-authorship network.
- Applied NetworkX, Louvain community detection and keyword co-occurrence analysis to examine AI–finance research collaboration and themes.

Professional Basketball Club Systems Analysis | Course Project | 2026

- Examined Guangzhou Loong Lions' competition, fan engagement, sponsorship and youth development as interconnected dimensions of a professional basketball organisation.
- Used systems thinking to map relationships between these dimensions and develop phased performance indicators as part of a course assignment.

SPORTS LEADERSHIP & ACHIEVEMENTS

Starting Centre, Team Captain & Assistant Coach | SCUT Men's Basketball | Sep 2023 – Present

- Coordinate training, match preparation, tactical discussions and competition logistics with coaches and a 15-player team in CUBAL Division I.
- Contribute to communication and team coordination across training and competition, combining player, captain and assistant-coach perspectives.

Youth Basketball Coach & Team Manager | Community Programme | 2023 – Present

- Support training and competition scheduling, development tracking and parent communication for a youth basketball programme of approximately 20–30 players.
- National First-Class Basketball Athlete; represented Guangdong at the first National Student (Youth) Games, placing fourth; starting centre for Qingyuan in the 2026 Guangdong Urban Basketball League.
- Basketball experience includes the Guangdong Hongyuan youth programme and more than 500 competitive games.
- Additional honours include a Li-Ning TOP24 national championship, 2020 Guangdong provincial title and 2021 Guangdong youth 3×3 title.
- Level 3 Basketball Referee qualification, Shenzhen Basketball Association (2025).

SKILLS & INTERESTS

- **Business:** sports business research, event scenario modelling, financial analysis, stakeholder communication and team leadership.
- **Technical:** Excel scenario modelling and visualisation; Python for data cleaning, back-testing and network analysis; OpenCV, YOLO, PowerPoint and AI/LLM-assisted research.
- **Languages:** Mandarin (native); English (working proficiency); Cantonese (conversational).
- **Interests:** sports technology, finance, AI applications in business and basketball.