Jiaxin Huang

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Research Interests: LLM-based Agent Systems, NLP for Finance, Trustworthy AI (zkML), Applied AI for Asset Management

Education

Sun Yat-sen University, B.S. in Information and Computing Science *Sep 2023 – Jun 2027*
Selected Coursework: Mathematical Statistics, Probability Theory, Numerical Analysis, Advanced Algebra, Mathematical Analysis, Data Structures and Algorithms, Machine Learning, Optimization Methods *Guangzhou, China*

Research & Projects

TrustNPA: AI-Powered Due Diligence Platform for Non-Performing Assets *Mar 2026 – Present*

- Building an LLM + RAG platform for NPA due diligence, turning raw legal and financial documents into evidence-backed risk summaries and structured reports.
- Implemented a FastAPI-based workflow covering document parsing, evidence retrieval, risk tagging, scoring, and report generation for batch due diligence.
- Integrated company profiling, legal text analysis, and risk assessment modules into an agentic workflow for NPA asset management.
- Manuscript in preparation; target venue: FinNLP @ EMNLP 2026.

TrustNPA-Bench: LLM Evaluation Benchmark for Chinese NPA Legal Documents *Mar 2026 – Present*

- Designed a 12-task benchmark for Chinese NPA legal documents, covering information extraction, legal fact understanding, and risk judgment.
- Built a three-tier cognitive taxonomy inspired by LawBench to evaluate LLM reasoning and robustness in finance-law scenarios.
- Contributed to task design, sample construction, evaluation metrics, and baseline model testing for the platform and research manuscript.

zkML Verifiable Credit Scoring *Mar 2026 – Present*

- Exploring zero-knowledge proofs for verifying ML model outputs in credit and risk scoring workflows, with a focus on GKR protocol and EZKL.
- Studying how verifiable inference can improve auditability and trust in AI-assisted NPA asset scoring.
- Contributed to a trustworthy AI scoring framework and assessed proof generation, model constraints, and off-chain/on-chain verification trade-offs.

Hainan Digital Nomad OPC Community *Nov 2025 – Present*

- Led early-stage community operations, user research, and event planning for a digital-nomad community in Hainan.
- Benchmarked Chiang Mai, Bali, Dali, and other community models across pricing, services, user acquisition channels, and monetization paths.
- Built partnerships with local government, tourism, and technology stakeholders to support community events, brand exposure, and user growth.

Experience

Guangzhou Xiaochuang Intelligent Technology Co., Ltd. *Mar 2026 – Present*
Enterprise AI Agent Development Intern *Guangzhou, China*

- Developed an enterprise AI Agent platform for financial document analysis and evaluation using an LLM + RAG architecture.
- Built a Python/openpyxl automation pipeline to map LLM outputs into structured questionnaire templates for auto-completion, risk tagging, and batch export.
- Integrated Qichacha MCP cloud services for company profiling, business registration data, risk information, and entity-level due diligence.
- Contributed to research on trustworthy AI scoring and zkML applications in financial risk control and asset evaluation.

Cinda Securities *Jul 2025 – Sep 2025*
Equity Research Intern, AI / Robotics / Semiconductors *Haikou, China*

- Researched AI foundation models, robotics, and semiconductor value chains, producing industry maps, technology-route analysis, and market opportunity notes.
- Built market-sizing models with public sources and Wind for service robotics, AI hardware devices, and enterprise AI solutions.
- Monitored companies including DJI, Unitree Robotics, Boston Dynamics, and AI application firms; summarized product roadmaps, technical approaches, and business models.
- Contributed to AI and robotics sector reports, including data collection, charting, and first drafts of core sections.

Free Trade Zone Institute, Sun Yat-sen University *Sep 2023 – Nov 2023*
Research Assistant Intern *Guangzhou, China*

- Supported policy research on free trade zones in the Guangdong-Hong Kong-Macao Greater Bay Area; completed three policy evaluation reports, one of which was incorporated into the institute's annual white paper.
- Collected customs and enterprise survey data; used R/Python regressions to analyze how customs clearance time and tariff costs affect cross-border trade efficiency.
- Helped organize a policy roundtable and prepared materials for external reporting and research translation.

Skillset

Language & Tools: Python, C++, R, SQL, Git, FastAPI, openpyxl, Pandas, NumPy, Scikit-learn, XGBoost, LightGBM, Wind, LaTeX
AI & Machine Learning: LLM APIs, Prompt Engineering, RAG, Agent Workflows, MCP, NLP, Information Extraction, Text Classification
Modeling: Model Evaluation, Time Series Forecasting, Risk Scoring
Finance & Research: NPA Due Diligence, Financial Text Analytics, Equity Research, Market Sizing, Competitive Analysis, Asset Management Research, Policy Research, Academic Writing
Trustworthy AI: zkML, Zero-Knowledge Proofs, Verifiable Inference, GKR Protocol, EZKL
Languages: Mandarin Chinese (native), English (fluent, IELTS 7.5, CET-6 580+), Cantonese (basic)

Competitions

Mathematical Contest in Modeling / Interdisciplinary Contest in Modeling (MCM/ICM), Honorable Mention, Team Lead *Jan 2025*

- Led a team project on Olympic medal prediction for the 2028 Los Angeles Olympics using BP neural networks and time-series models.
- Took responsibility for data cleaning, model design, result interpretation, and English paper writing.

National College Student Data Analysis Competition, First Prize *Sep 2024*

- Built a user churn prediction pipeline on 20M+ e-commerce behavior records, covering data cleaning, feature engineering, and model training.
- Developed a LightGBM model with AUC 0.932 and improved accuracy by 7.2% through Bayesian optimization.
- Stack: Python, Pandas, NumPy, PCA, XGBoost, LightGBM.