

Wuhao (Carl) Xia

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EDUCATION

Columbia University, School of International and Public Affairs

New York, NY

Master of Public Administration, Data Science for Policy Concentration (GPA: 3.87/4.0)

Expected May 2027

- **Relevant Coursework:** Building AI Tools using LLMs, Analytics on the Cloud, Applying Machine Learning, Data Engineering, Applied Econometrics, Database Management, Time Series Analysis, Impact Measurement and Evaluation, Data Mining, Data Visualization, Quantitative Analysis, Macroeconomics, Microeconomics

University of Florida, Warrington College of Business

Gainesville, FL

Bachelor of Science in Information Systems (GPA: 4.0/4.0)

May 2025

- **Honors:** 2025 Outstanding Undergraduate ISOM Student of the Year, Dean's List (All Semesters)

CORE SKILLS

- **Strategy & Research:** Industry research, market analysis, technology landscape assessment, competitive benchmarking, expert interviews, structured problem solving, business process mapping and redesign
- **Applied AI:** Agentic and multi-agent workflows, agent orchestration and quality gating, prompt engineering, retrieval-augmented generation (RAG), LLM evaluation, human-in-the-loop review, AI workflow automation; LangChain, ChromaDB
- **Data & Engineering:** Python, SQL, R, PySpark; Google Cloud Platform (BigQuery), data pipelines and ETL; Tableau, Power BI, Excel
- **Languages:** Mandarin Chinese (Native), English (Full Professional)

PROFESSIONAL EXPERIENCE

World Bank Group | Washington, DC | Data & AI Research Intern, *DECIG*

May 2026 – Aug 2026

- Identified high-friction research and verification workflows across a 40-person team and designed an AI-enabled operating model built on a multi-agent system that orchestrates source retrieval, validation, and coding as separate agent roles, reducing manual processing time by an estimated 50% and saving ~600 analyst-hours per cycle.
- Partnered with domain researchers to translate complex legal-research requirements into a human-in-the-loop AI workflow, defining evidence-grounding rules, confidence grading, and fail-closed review gates that determine when agent output is accepted, escalated, or rejected.
- Benchmarked agent output against a manually coded ground-truth dataset to set accuracy thresholds before deployment, then embedded the tool into the team's standing workflow rather than layering it on top.
- Built and analyzed a cross-country regulatory dataset spanning 190 economies and 1970–2026, translating fragmented policy information into comparable indicators and structured insights on regulatory change.

World Bank Group | Washington, DC (Remote) | Research Intern, *DECIG*

Feb 2026 – Apr 2026

- Conducted comparative research across 101 economies to identify regional and income-group trends in financial-services regulation, distinguishing structural legal barriers from measurable regulatory progress.
- Translated quantitative findings into executive-ready datasets and visual insights for a public dissemination initiative targeting policymakers and non-technical audiences.

Bain & Company | Shanghai, China (Remote) | Part-Time Assistant

Dec 2025 – May 2026

- Assessed technology and digital-infrastructure market attractiveness across 6 Southeast Asian economies by integrating regulatory, energy-policy, government-incentive, and geopolitical factors, translating external market signals into strategic recommendations for market entry.
- Analyzed internet-sector growth trajectories and conducted 10+ expert interviews to identify emerging market trends, synthesizing qualitative and quantitative evidence into structured insight reports for senior leadership.

Capgemini | Shanghai, China | Business Analyst Intern

Jun 2025 – Aug 2025

- Diagnosed business and master-data bottlenecks for a global automotive client, mapped current- and future-state workflows, and helped shape an AI-driven pricing approach across DTC sales and CPQ systems in partnership with business and technology stakeholders.
- Developed a multi-factor site-ranking and demand-forecasting framework for a global shipping client, translating operational and market data into recommendations that reduced container-rebalancing costs by 12% and improved forecast accuracy by approximately 15%.

Siemens Ltd. | Shanghai, China | Marketing Analyst Intern

May 2024 – Jul 2024

- Automated KPI reporting across 20+ client segments through a SQL-driven Tableau dashboard, reducing end-to-end reporting time by 70% and improving visibility into commercial performance.

PROJECT EXPERIENCE

RAG Risk-Disclosure Analysis for SEC 10-K Filings | Lead Developer

Feb 2026 – Mar 2026

- Built an AI-assisted research workflow across multi-year SEC 10-K filings, enabling analysts to identify and synthesize company risk disclosures from large volumes of unstructured information.
- Evaluated retrieval quality and answer faithfulness across hundreds of public companies, adding an evidence-validation step before generation to cut unsupported outputs and keep every claim traceable to the source filing.

LEADERSHIP

Chinese Students and Scholars Association | President

June 2024 – May 2025

- Led a 5,000+ member organization without formal authority; directed 25+ events and secured \$10,000+ in corporate sponsorship.