Linen Yu

LinkedIn
GitHub

Email: it.maybe.yu@gmail.com
Mobile: +33 0769391326 | +86 18888926024

Education

- **University of Paris 1 Pantheon-Sorbonne** — Paris, France
  Mathematical Methods in Economics and Finance — *2023–2024; May 2026–Present*
  - Coursework: 2023–2024; grade 14.1/20.
  - Thesis: May 2026–Present; expected completion: end of August 2026.
- **University of Paris 1 Pantheon-Sorbonne** — Paris, France
  PSME Pantheon-Sorbonne Master of Economics; grade 14.6/20 — *Sept. 2022 – Jul. 2023*
- **Zhejiang University** — Hangzhou, China
  B.S. in Information and Computing Science, minor in Economics — *Sept. 2017 – Jul. 2022*
  - GPA: 3.5/4.0 (Honor degree). Mixed Class, Chukochen Honors College.

Research Experience

- **Research Associate, Social Catalyst Lab** — Zurich, Switzerland
  Supervisor: Prof. David Yanagizawa-Drott — *Sept. 2025 – Present*
  - Built and maintained Python- and SQL-based experimental platforms and data workflows for studies on trust, exploration, algorithmic assistance, and human decision-making.
  - Implemented full-stack experiment components, including relational database logic, frontend, backend, experiment logic, dashboards, payment-related workflows, and participant workflows in Ghana.
  - Constructed benchmark and evaluation logic for AI-assisted decision tasks, using machine-learning methods such as clustering and reinforcement-learning-style exploration benchmarks.
  - Produced reproducible documentation, protocols, failure-mode notes, analysis plans, and experiment logs for interdisciplinary research teams.
- **Research Associate, Macroeconomics and Firm Behavior** — Zurich, Switzerland
  Supervisor: Prof. Alessandro Ferrari — *Oct. 2024 – Sept. 2025*
  - Collected, cleaned, and organized macroeconomic data; used Stata regressions to support empirical validation of research hypotheses.
  - Derived firm-behavior models in macroeconomic settings and translated theoretical assumptions into testable empirical specifications.
  - Prepared reproducible LaTeX research outputs, tables, and documentation for collaborative research workflows.

Selected AI Evaluation and Data Projects

- **Ethnic Contact as Exploration** — Social Catalyst Lab
  Behavioral experiment platform and exploration/exploitation benchmark — *2025 – 2026*
  - Built an end-to-end repeated-decision experiment platform with Python data workflows, SQL-backed records, web interfaces, dashboards, and experiment logs.
  - Helped construct exploration/exploitation and reinforcement-learning-style benchmarks comparing human behavior with algorithmic decision rules; used clustering to analyze behavioral patterns.
- **APE: AI-Generated Policy Evaluation Reports** — Social Catalyst Lab
  LLM-agent workflow design, failure analysis, and research-output evaluation — *2026*
  - Designed and ran LLM-assisted workflows for AI-generated policy-evaluation reports, iterating on prompts, agent procedures, and evaluation protocols.
  - Diagnosed failure modes around fabricated data, constraint violations, weak auditability, and surface-level plausibility in AI-generated research outputs.
- **AI Governance Belief Measurement Tool** — Independent public web project
  Bilingual survey, scoring rubric, and governance-position mapping — *May 2026 – Present*
  - Built a bilingual survey and scoring system for mapping AI governance attitudes across risk, safety governance, critical AI, scaling optimism, techno-optimism, and accelerationist positions.
  - Designed item taxonomy, scoring rubric, reference profiles, and scenario diagnostics to make governance assumptions explicit and interpretable.

Skills

- **Applied AI / LLM Evaluation**: Benchmark design, prompt-surface diagnosis, error taxonomy, model-output review, faithfulness checks, claim-evidence alignment, citation-grounded evaluation, and data QA.
- **Document and Evidence Workflows**: Structured text records, metadata and citation fields, provenance-aware documentation, retrieval-evaluation concepts, leakage-aware prompting, and guardrail-oriented workflow design.
- **Data and Research Software**: Python, SQL, relational databases, Git, Jupyter Notebook, LaTeX, web-based experiment platforms, dashboards, data cleaning, and experiment logging.
- **Machine Learning and Quantitative Methods**: Clustering, reinforcement-learning-style benchmark design, Bayesian optimization logic, behavioral experiments, causal reasoning, regression analysis, and empirical research reporting.
- **Languages**: Chinese native; English fluent; French A2–B1.

Honors and Activities

- Zhejiang University Academic Scholarship, top 15%.
- Morningside Cultural China Scholars Program, 2019–present.
- University Innovation Fellow, Stanford d.school, 2018–2019; designed an alumni-student connection system later launched by Zhejiang University.
- Summer School on Frontier Internet Technology and Its Applications, Lady Margaret Hall, Oxford; Meritorious Presentation Award, ranked 2/8.