Wendong Li

(647) 233-7096 | rethebrewmaster@gmail.com | [Website](#) | [LinkedIn](#) | [Github](#) |

Education

University of Toronto

M.Eng., Computer Engineering — Jan. 2024 - Jun. 2025

Beijing University of Posts and Telecommunications

B.Eng., Software Engineering — Sep. 2019 - Jun. 2023

Technical Skills

Programming: Python, JavaScript, Java, Machine Learning, Deep Learning, LLM application, PySpark, Azure, Git, Github, Flask, MySQL, PyTorch, Mlflow.

Relevant Courses: Operating System, Database Theory, Theory of Distributed Computing, Computer Architecture, Applied Deep Learning, Computer Network.

Work Experience

Microsoft

Software Engineer Intern — Feb. 2023 - Dec. 2023

· **Benchmarked** AutoML solution between **Azure Machine Learning** and **Azure Databricks**, evaluated performance and efficiency, analyzed user experience from different user aspects.

· Contributed to the open-source **AutoML** and **Hyperparameters Optimization** library **FLAML** on **Github**.

· Initiated the internal version of FLAML for **Microsoft Fabric** and contributed **100+ PRs**.

· Enlarged Machine Learning model pool for AutoML by adding 15+ Machine Learning models based on **PyTorch Lightning**, **PySpark MLlib**, **Statsmodel** and **Scikit-Learn**.

· Integrated multiple **MLOps** services of Fabric platform **MLFlow** to FLAML, including ML experiment tracking, management, analysis, visualization, artifacts logging and model deployment.

· Developed Autonomous Feature Engineering combining with **LLM Agent**, utilizing **AutoGen** project.

National University of Singapore

Undergraduate Research Assistant — Apr. 2022 - Feb. 2023

· Participated in a research project focusing on **Event Forecasting** with **Temporal Knowledge Graph** at the NExT++ Centre, School of Computing.

Tsinghua University

Undergraduate Research Assistant — Aug. 2021 - Apr. 2022

· Worked on **Computer Vision** problems of style transfer for hand-drawn sketches at the Institute of HCI and Media Integration, Department of Computer Science.

Side Projects

D2Helper

Full-Stack Web Application for Destiny 2

· A Destiny 2 information and tracking tool with a **4,000+** user base.

· Built a modern user interface using **JavaScript** and **CSS**. Implemented **RESTful API** backend service using **Flask** with **MySQL** cloud database. Used **Docker** for deployment on Tencent Cloud's **Serverless** Application.

AutoGen

A programming framework for Agentic AI

· Active contributor of this **25,000+** stars open-source project, reviewed and proposed multiple PRs.

· Integrated **Anthropic Claude** models as alternative foundation model for LLM Agent.

· Social cognitive science simulation, using multi-agent conversation and **RAG** with **Knowledge Graph**.