

# Wendong Li

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## Skills

- Proficient in **Python**, **JavaScript**, **C++** and **Java**.
- Industry level experienced in **Machine learning**, **Deep Learning**, and **LLMs application**.
- Skilled in **Spark** and **Azure** for **Big Data and Cloud platform**.
- Active contributor to top trending **open-source** projects: **AutoGen(24k+ stars)** and **FLAML(3.6k stars)**.
- Hobby Full-stack Web Application with 1000+ users, utilizing **JavaScript**, **Flask**, **MySQL** and **MongoDB**.
- Fluent in English and Mandarin.

## Education

### University of Toronto

Toronto, CA

M.Eng. in Computer Engineering

Jan. 2024 – Jun. 2025

- Relevant Courses: AI Alignment, Applied Deep Learning.

### Beijing University of Posts and Telecommunications

Beijing, CN

B.Eng. in Software Engineering

Sep. 2019 – Jun. 2023

- Relevant Courses: Computer Architecture, Operating System Principles, Algorithms and Data Structures, Computer Networks, Database Theory, Linear Algebra, Discrete and Combinatorial Mathematics.

## Professional Experience

### Microsoft

Beijing, CN

Software Engineering Intern

Feb. 2023 – Dec. 2023

- Investigated and **benchmark** AutoML solution between **Azure Machine Learning** and **Azure Databricks**.
- Contributed to the open-source **AutoML and Hyperparameters Optimization** library [FLAML](#), initiated the internal version of FLAML for [Microsoft Fabric\(Previous PowerBI\)](#) and contributed **100+ PRs**.
- Enlarged Machine Learning model pool for AutoML in FLAML by adding 15+ Machine Learning models.
- Integrated multiple **MLOps** services of Microsoft Fabric platform to FLAML.
- Developed Hyperparameter Importance analysis using Cython, achieved **3000%** speed boost over Python.
- Developed Autonomous Feature Engineering combining with **LLM Agent**, utilizing **AutoGen** project.

## Research Experience

### National University of Singapore

Singapore, SG

Undergraduate Research Assistant

Apr. 2022 – Feb. 2023

- Worked at the NExT++ Centre, School of Computing under the supervision of Prof. Tat-Seng Chua and Postdoctoral Research Fellow Yunshan Ma.
- Engaged in a research project focusing on **Event Forecasting** with **Temporal Knowledge Graph**.

### Tsinghua University

Beijing, CN

Undergraduate Research Assistant

Aug. 2021 - Apr. 2022

- Worked at the Institute of HCI and Media Integration, Department of Computer Science and Technology, supervised by Prof. Yongjin Liu.
- Research project focused on **Computer Vision** problems, specifically style transfer and image generation for hand-drawn sketches.