

AFFIDAVIT

~~Notary Public~~ in the City of Toronto, Province of Ontario, make oath and
Say,

1. I am fluent in both Chinese and English.
2. I have translated the annexed document and carefully compared the translation from Chinese into English with regard to the following document:

Internship Certificate

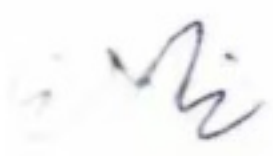
3. The said translation is, to the best of my knowledge and ability, the complete and correct translation of said document.

SWORN before me at the City of Toronto
In the Regional Municipality of Metropolitan
Toronto

This ³26 day of Aug, 2025

A Notary Public in and for the
Province of Ontario

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Internship Certificate

This is to certify that ~~my name~~ as ~~success~~ successfully completed an internship at our company. The details of the internship are as follows:

The student interned at our company from May 5, 2025, to August 22, 2025, accumulating a total of 640 working hours, and served in the position of Software Secondary Development Intern.

During the internship, the student primarily participated in the development and support of the following two projects:

Project One: Intelligent Government Platform Permission Management System

This project was aimed at multiple government departments in Jilin Province, with the goal of providing a stable, secure, and efficient permission management and business support platform. The student's responsibilities included:

- Developing the permission management system using the SpringBoot 2.0 framework;
- Utilizing a technical stack that encompassed SpringBoot, MyBatis, Shiro, Thymeleaf, Bootstrap, and Vue;
- Participating in the development of front-end and back-end functionalities, as well as interface integration;
- Implementing database interaction logic and optimizing related module functionalities;
- Assisting in the preparation of system documentation and improving user experience.

The project resulted in a permission system with a simple interface, clear architecture, and comprehensive documentation, widely applied in business management systems of government platforms.

Project Two: Parameter Tuning and Experimental Support for General Large Language Models

This project aimed to evaluate and optimize the deployment and performance of an open-source general large language model (LLM) within an enterprise's internal environment. The student assisted in the following tasks:

- Setting up a model inference and training experimental platform based on the Python environment;
- Testing different parameter configurations (such as batch size, token length, prompt templates, etc.) and analyzing performance and effects;
- Assisting in model output evaluation and data cleaning;
- Writing experimental logs and comparison reports to provide reference for subsequent R&D efforts.

实习证明

兹证明陶宇同学于我单位完成了实习任务，具体情况如下：

该同学自 2025 年 5 月 5 日至 2025 年 8 月 22 日在我单位实习，实习期间共计完成 640 小时工作，担任岗位为：软件二次开发实习生。

在实习期间，该同学主要参与了以下两个项目的开发与支持工作：

项目一：智能政务平台权限管理系统

该项目面向吉林省内多个政府部门，旨在提供稳定、安全、高效的权限管理与业务支撑平台。该同学负责的内容包括：

- 使用 SpringBoot 2.0 框架开发权限管理系统；
- 技术栈涵盖 SpringBoot、MyBatis、Shiro、Thymeleaf、Bootstrap 和 Vue；
- 参与系统前后端功能开发与接口联调；
- 负责数据库交互逻辑实现及相关模块功能优化；
- 协助完成系统文档编写与用户体验改进。

项目成果为一套界面简洁、架构清晰、文档完善的权限系统，广泛应用于政务平台业务管理系统中。

项目二：通用大语言模型参数调优与实验支持

该项目旨在评估并优化某开源通用大语言模型（LLM）在企业内部环境中的部署与性能表现。该同学协助完成以下工作：

- 搭建基于 Python 环境的模型推理与训练实验平台；
- 对不同参数配置进行测试（如 batch size、token length、prompt 模板等），分析性能与效果；
- 协助完成模型输出评估及数据清洗工作；
- 编写实验日志与对比报告，提供后续研发参考依据。

该项目支持了公司在人工智能方向的研究探索与落地方案，为模型微调及场景适配打下基础。



I certify that this is true and correct
of the on the 08/22/2025

Date Da 08/22/2025 2025