Personal Statement

Name: Yuhao Huang (Vincent)

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Birth: 2000

https://github.com/Vincent-Huang-2000

INFP Personality (Mediator)

Creative problem-solver with natural curiosity across different fields. I enjoy finding fresh ways to tackle challenges and always look to learn new skills that keep me up-to-date with fast-changing tech.

Team-focused communicator who listens carefully and notices small changes in people's feelings. This helps me work better with others and create solutions people truly connect with.

SKILLS

Programming Languages
Python, Java, C#, C/C++, JavaScript, TypeScript

Data Analysis & Visualization
- Matplotlib, NumPy, Pandas, Power BI

AI / Machine Learning (Basic knowledge)
- Prompt Engineering for AI models
- LLM Continue Pretraining & LoRA Fine-tuning (LLaMA-Factory framework, Qwen2.5 models)
- Fine-tuning ChatGLM-6B model based on P-Tuning v2
- AI Drawing based on Stable Diffusion
- Trained Stable Diffusion LoRA models

Web Development
- Node.js, React, Vue.js

Software Development
- Qt Framework
- Flutter (Currently learning)

Database
- MySQL

Multimedia Editing
- Video Editing (Vegas Pro), Lightroom, Photoshop, Luminar AI

Project Highlights

Cross-Platform Utility App (Qt / QML): Maintained and optimized a multi-platform utility app with JavaScript and QML. Collaborated with the original developer to fix bugs and add features, improving performance and user experience.

Personal Blog Deployment (Typecho): Built and deployed a self-hosted blog with full-stack setup, including domain configuration and server deployment. Customized Typecho themes and also worked with WordPress.

Offline Authorization System (Qt + OpenSSL): Designed and integrated an RSA-based license verification system for a commissioned Qt app, enabling offline authentication with secure key handling.

Android Astrology App (Qt): Independently developed and published a niche astrology tool on Google Play. Managed full-cycle development and deployment; integrated domain-specific logic and maintained a private GitHub repo.

ERP Front-End (Vue.js + REST API): Contributed to front-end development of an enterprise ERP system during internship. Built dynamic pages and integrated RESTful APIs in collaboration with backend engineers.

AI Q&A Web App (React): Developed a frontend prototype of an AI-driven Q&A platform using React, integrating external AI APIs and experimenting with prompt engineering techniques.

LLM Fine-Tuning Project (Python + OCR + Qwen): Led a small team to prepare training data for LLM fine-tuning. Built OCR automation scripts with iFLYTEK API, and experimented with tuning methods like LoRA+, DoRA, using SwanLab for tracking.

To see more of my projects, please see: https://vincent-huang-2000.github.io/my-cv/

Project Details

Cross-Platform Utility App Development with Qt (2022)

- Maintained and enhanced a cross-platform utility application using the Qt framework (JavaScript + QML).

- Collaborated with the original developer to fix bugs, implement new features, and improve performance.

- Improved app stability and responsiveness across platforms through code refactoring and optimization.

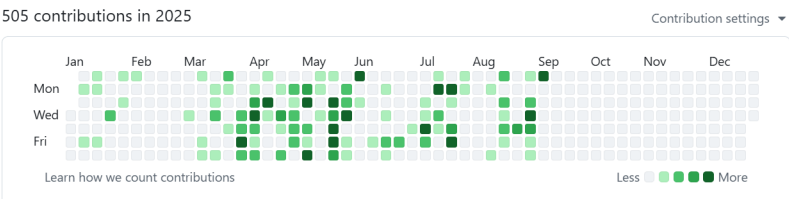## Personal Blog System Deployment with Typecho (2022)

- Deployed a self-hosted blog system using Typecho, handling domain registration, server setup, and deployment.

- Customized Typecho themes to reflect personal branding and UI preferences.

- Also familiar with WordPress administration, including theme and plugin management.

Offline Software Authorization System using Qt & OpenSSL (2022–2023)

- Designed and implemented an offline license verification system based on RSA asymmetric encryption.

- Integrated the system into a Qt-based cross-platform app commissioned by a client.

- Ensured secure key management and validation without relying on online connectivity.

- Fully responsible for system architecture, cryptographic logic, and deployment.

Android App Development and Google Play Publication (2023–2025)

- Independently developed and published a niche astrology utility app using Qt; available on Google Play.

- Incorporated domain-specific logic, requiring cross-disciplinary research and integration.

- Handled end-to-end development, testing, packaging, and deployment to the Play Store.

- Maintained detailed development history in a private GitHub repository; live demo available upon request.

505 contributions in 2025

Contribution settings ▼

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103 contributions in 2024

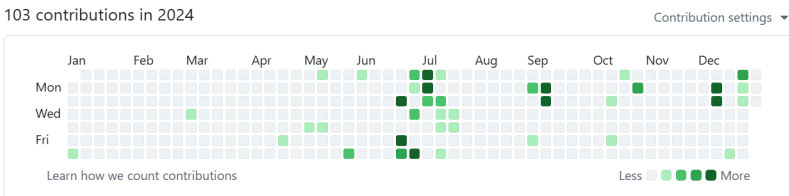Contribution settings ▼

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