Wei Cheng Chiu

Field Application Engineer

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SUMMARY

Field application engineer on LLM infrastructure at Taiwan AILabs. LLM inference performance analysis and optimization on NVIDIA GPUs; **28 merged/landed patches** upstream in FlashInfer, vLLM, LMDeploy, Dynamo, PyTorch and LMCache/LMCache.

TECHNICAL SKILLS

LLM Serving & GPU	vLLM, SGLang, TensorRT-LLM, Triton, FlashInfer, NCCL, NVFP4; CUDA, CUTLASS, Nsight
Infrastructure	Linux, Kubernetes, Docker; H100, DGX Spark (GB10), Blackwell workstations
Languages	Python, C/C++, TypeScript, Rust; PyTorch, Hugging Face, FastAPI

EXPERIENCE

Taiwan AILabs Jul 2026 to Present
Field Application Engineer *Taipei, Taiwan*

- Deploy and operate on-prem LLM systems (**FedGPT**) on Kubernetes and NVIDIA GPUs, from bare metal to handover

SYNCROBOTIC Sep 2025 to Jun 2026
Machine Learning Engineer *New Taipei City, Taiwan*

- **Sole developer** of an enterprise multi-agent RAG platform on DGX hardware, shipped to **two customers**

Advantech Jun 2025 to Aug 2025
AI Agent Engineer (Intern) *Taipei, Taiwan*

- Built tool-using coding agents for code review, test generation, and static analysis

TSMC (Taiwan Semiconductor Manufacturing Co.) May 2021 to Oct 2022
Facility Engineer (R&D Alternative Military Service) *Tainan, Taiwan*

- Supported R&D fab facility operations

OPEN SOURCE

Bug fixes across the LLM-inference stack 28 merged/landed
FlashInfer (10) · vLLM (10) · LMDeploy (3) · Dynamo (2) · PyTorch (2) · LMCache/LMCache (1) prs.wayne.is-a.dev

RESEARCH & PUBLICATIONS

SelGrad: Selective Gradient Projection for Efficient Safety Alignment Against Harmful Fine-Tuning, first author. *IEEE TDSC*, under review, 2026.

EDUCATION

National Taiwan University of Science and Technology (NTUST) Aug 2024 to Apr 2026
M.S. in Computer Science and Information Engineering, GPA 4.09 *Taipei, Taiwan*

National Taiwan University (NTU) Sep 2014 to Jun 2020
M.S. in Structural Engineering (2020) | B.S. in Civil Engineering (2018) *Taipei, Taiwan*