

SHIMENG (SIMON) YANG

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Education

University of Toronto — Bachelor of Science, Computer Science

Expected May 2030

Skills

Languages: Python, TypeScript, JavaScript, Swift

Frameworks & Tools: FastAPI, Docker, Kubernetes, Google Cloud, Git, MCP, React, Next.js, PostgreSQL

Concepts: LLM agents & function calling, multi-agent orchestration, prompt caching, context compaction, evaluation harnesses

Work Experience

Reah Inc (reah.com) | AI Engineer Intern (Remote)

May 2026 – Present

- Architected a **multi-agent financial copilot** across Slack and Lark, using specialized subagents, persistent memory, and typed tool routing for live finance queries, calculations, and approval workflows.
- Contributed to production finance-agent reliability and efficiency improvements; in matched live tests, the new architecture tripled fully correct write-task outcomes from **13% to 38%**, eliminated **zero-score write results**, and used about **70% fewer LLM tokens** and **72% fewer model calls** than the earlier architecture.
- Built safeguards preventing sensitive financial data from leaking through AI-processed documents and attachments.
- Analyzed **987 unique ledger records** representing **\$1.72B in recorded entity-level value** and safeguarded Slack and web-agent transfer proposals representing an estimated **\$172K in fiat currency**.

Career Education Council | Software Developer Co-op, Develop the Future

Feb 2025 – Jun 2025

- Designed, built and shipped **FindIt in 3 months** — an iOS app performing **real-time on-device object recognition** from the live camera feed.
- Integrated the DeepSeek API to add an in-app conversational assistant on top of the recognition pipeline.

Projects

Deep-Copilot — github.com/deep-copilot/DeepCopilot — open-source AI coding agent for VS Code, **4,000+ downloads, 300+ active users**

2026

- Contributed multi-provider support via an OpenAI-compatible client, Anthropic (Claude) provider integration, a web-search provider, and session auto-restore across VS Code reloads.
- Replaced text-based file search with native VS Code file references and fixed internationalisation and duplicate-declaration defects in the extension host.

Warden — github.com/YSMsimon/Warden — multi-agent CLI assistant, built with no orchestration framework

2026

- Built an adapter layer to route requests across multiple LLM providers and implemented custom history compaction and background user profiling.
- Built a pluggable skills system and a WeChat ACP bridge without any agent framework.

MyDex — mydex-seven.vercel.app — **Uniswap V2-inspired decentralized exchange interface**

2025

- Built MetaMask wallet integration, token swaps and on-chain liquidity provisioning.