

Xiaxuan (Andy) Chen

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PROFESSIONAL EXPERIENCE

Intel <i>AI Software Engineer</i>	Aug 2026 – Present <i>Hillsboro, OR</i>
- Developed Intel SuperClaw, a hybrid AI agent harness combining local-model privacy and security with cloud-model reasoning capabilities, processing sensitive data locally and routing complex tasks to cloud LLMs - Led Windows-native migration of OpenCode/OpenWork runtimes from WSL; designed OTA updates and native sandboxing - Reduced startup time from 40–50 seconds to 15 seconds and build time from 8 minutes to 2 minutes - Led CI/CD and distributed benchmarking; built a laptop-farm service dispatching benchmark runs across 20–30 Windows servers with MapReduce-style task partitioning and result aggregation, reducing runtime from 8 hours to 2 hours; supported dashboard-triggered runs, nightly CI, and real-time score tracking - Submitted hundreds of PRs in one month using AI orchestrators and agent swarms; led technical talks and helped the team adopt AI-native development workflows	
Meta Platforms <i>Software Engineer (Production) Rust, C++, Python</i>	Feb 2026 – Jul 2026 <i>Bellevue, WA</i>
- Drove reliability, scalability, and performance improvements across Meta’s multi-tier distributed storage backend, spanning Warm Storage (~700K Flash/HDD nodes) and Cold Storage (HDD) - Led Cold/Warm Storage orchestration unification across control-plane service; built a DAG-based automated provisioning pipeline and rule-based decision engine with 50+ orchestration rules, rate-limited node-restart safeguards, and explainable control-loop tooling - Architected a Rust-based I/O QoS control plane; built a Thrift RPC configuration pipeline with multi-layer caching, background polling, and version-checked invalidation, reducing propagation from 40+ to ~3 minutes and enabling sub-minute incident mitigation for thousands of storage clients - Built Claude-based on-call plugins and a Rust automation CLI for incident triage, diagnostic queries, and cluster/topology-aware alerts, reducing MTTR by 15–20 minutes and runbook-related human error - Explored agent safety by developing a read-only investigation agent restricted to allowlisted diagnostic commands through a read-only CLI, accelerating incident/SEV investigation without write access	
Meta Platforms <i>Software Engineer (Production) Intern Rust, C++, Thrift</i>	May 2025 – Aug 2025 <i>Bellevue, WA</i>
- Earned a GE rating; delivered a relational-to-key-value service migration one month early, contributed 16K+ lines of code, and resolved cross-team service circular dependencies and architectural debt - Designed a test-driven service migration with a unified abstraction layer, reusing mature test suites across legacy and replacement services; ran canary and scaling tests to validate behavioral parity and prevent regressions - Built C++ service and Rust cron jobs for periodic asynchronous synchronization and data transformation pipeline from the legacy database to the new key-value store - Instrumented ODS monitoring to detect legacy/new service logic differences every minute; built NoSQL reconciliation tooling, reducing per-request RPC data transfer from 400 MB to 400 B	
Voc.ai <i>Software Engineer Intern</i>	Jan 2025 – May 2025 <i>Mountain View, CA</i>
- Engineered an agentic AI customer-support platform integrating Zendesk Conversation APIs, logistics webhooks, and MCP-based tool orchestration for dynamic function calling and retrieval-aware support workflows - Designed multi-agent orchestration for pre-sale, in-sale, and post-sale support, combining evolving knowledge-base ingestion, sub-agent delegation, and voice-agent integration - Re-architected transcript export and knowledge-refresh jobs as a scalable asynchronous pipeline using the XXL-JOB scheduler - Built self-improving RAG pipelines with scheduled knowledge synchronization, semantic retrieval optimization, and feedback-driven response refinement, contributing to 80% CSAT	
Intradiem China Communication Service Hikvision <i>Software Engineer Intern C#, ASP.NET, ActiveMQ, MariaDB, OpenResty, Nginx, Spring Boot, MyBatis, MySQL</i>	

EDUCATION

Northeastern University <i>Master of Science in Computer Science</i>	Aug 2023 – Dec 2025 <i>San Jose, CA</i>
Hangzhou Dianzi University <i>Bachelor of Engineering in Computer Science</i>	Sept 2019 – Jun 2023 <i>Hangzhou, China</i>

TECHNICAL SKILLS

Languages: Rust, C/C++, Python, Java, JavaScript, C#, Lua, SQL, HTML/CSS | **AI:** Claude Code, MCP, RAG
AI & Agents: Agent Harnesses, Multi-Agent Orchestration, Tool Calling, Agent Evaluation, Sandboxing
Infrastructure & Tools: AWS, Linux, Docker, CI/CD, Jenkins, Maven, Kafka, Redis, MySQL, Nginx, Grafana, Thrift