

Daniel Cheung

Computer Science Student · AI + Infrastructure Builder

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Toronto, ON

Education

Western University · Bachelor of Science · Computer Science

Expected Graduation: 2027 · Computer Science Coursework Average: 80%

Coursework: Operating Systems, OOD, Software Project Management, Computer Networks, Data Structures & Algorithms

Summary

Computer Science student focused on AI-assisted product development and infrastructure. Built AWS-backed assistant workflows, shipped a Telegram-first family assistant, and operate a Talos Linux/Kubernetes bare-metal cluster with GitOps and observability.

Experience

Popup Pearl · Founder-operated catering business

FOUNDER

OPS Built and operated a catering business generating \$50,000 in first-year revenue across 50+ corporate and private events in the GTA.

IMPACT Coordinated staffing, inventory, menus, client communication, and on-site logistics while balancing sales, operations, and customer experience.

Technical Projects

Kin · Family assistant platform · GitHub

BUILDER

PRODUCT Designed and shipped Kin, live at getkin.ca, as a Telegram-first assistant platform with onboarding, group binding, message routing, assistant handoff, and reminders.

STACK Next.js, TypeScript, Prisma, PostgreSQL, Telegram Bot API, OpenClaw.

INFRA Integrated 4+ AWS services across EC2, RDS/Postgres, EventBridge Scheduler, and SQS; reduced reminder coupling by separating scheduling from delivery.

Talos Kubernetes Homelab · Bare-metal infrastructure project · GitHub

OPERATOR

STACK Talos Linux, Kubernetes, Argo CD, Tailscale, Headlamp, Prometheus, Grafana, Loki, Alloy.

OPS Built and operated a Talos Linux/Kubernetes bare-metal cluster with GitOps workflows, private Tailscale admin access, dashboards, and Cloudflare-exposed services.

OBSERVABILITY Deployed kube-prometheus-stack, Grafana, Loki, and Alloy for metrics, logs, dashboards, and early alerting workflows.

Technical Skills

Languages: Python, JavaScript, SQL, TypeScript

Frontend: Next.js, Tailwind CSS

Backend: Node.js, Prisma, PostgreSQL

Cloud & Infrastructure: AWS, EC2, RDS, EventBridge, SQS, VPC networking, Cloudflare, Vercel, Kubernetes, Talos Linux, Argo CD, Tailscale

Observability: Prometheus, Grafana, Loki, Grafana Alloy

AI & LLM Tooling: Codex, Claude, OpenClaw

Tools: Git, Docker

Certification



AWS Certified Cloud Practitioner
Badge: Credly verification