

Da Yun Chung

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EDUCATION

University of Waterloo

Sept 2021 – Apr 2026

Bachelor of Science, Systems Design Engineering

Waterloo, ON

- Relevant Coursework: Data Structures & Algorithms, Distributed Systems, Operating Systems, Databases
- Recipient of the Paul and Suzanne Koenderman Scholarship (**1 of 1400+ students**)

WORK EXPERIENCE

Abnormal AI

May - Aug 2025

Software Engineer Intern

San Francisco, CA

- Architected the company's first enterprise-wide **MSK alerting system**, empowering all teams with self-service incident management across 10+ environments
- Engineered a **Kafka** chaos-testing harness in **Python** generating AI-optimized logs cutting LLM debugging times and unifying tests across 20+ microservices
- Modernized MSK fleet via **Infrastructure as Code**, delivering zero-downtime upgrades that protect pipelines processing **10k+ msgs/sec**
- Optimized **Kubernetes** autoscaling for streaming workloads, refining log metrics to ensure consistent throughput under variable traffic and reducing cluster costs

Commure

Sept - Dec 2024

Software Engineer Intern

Mountain View, CA

- Implemented **Python/GCP** workflows to extract EHR data, automating thousands of medical claim submissions daily and generating **\$1M+** in ARR
- Developed a **CI/CD** pipeline to automate validation checks for workflows, supporting engineers to identify discrepancies and maintain deployment integrity
- Resolved **50+** critical on-call alerts, reducing downtime for key **ETL** pipelines and ensuring reliable data access for downstream systems
- Implemented real-time documentation updates for 25 internal apps by integrating Github Actions with Notion

Athelas

Jan - Apr 2024

Software Engineer Intern

Mountain View, CA

- Designed and implemented an automated billing system for non-insurance procedure charges using **PostgreSQL** and **FastAPI**, saving over 75 hours daily across 48 practices
- Optimized extractions by refactoring sequential requests into concurrent operations, cutting workflow times by **3x**
- Deployed ETL pipelines to automate data validation of patient visits, replacing manual QA and achieving **100%** accuracy in claim totals

CI Technologies

May - Aug 2023

Software Engineer Intern

Vancouver, BC

- Developed a metrics dashboard with Chart.js and **MySQL**, providing engineers with graphical insights into API response times and latencies
- Introduced new backend endpoints in **Spring** and implemented **RESTful** services to support editing functionality for user data, enhancing data management for 15k+ daily users

Geotab

Sept - Dec 2022

Software Engineer Intern

Toronto, ON

- Performed database migrations to support new batched elements, optimizing storage, and designed a user-friendly MVC interface to provide clear visualization of the extended information
- Developed responsive, scalable **React** components, enhancing user engagement

TECHNICAL SKILLS

Languages: Python, Go, Java, TypeScript, C#, C++, SQL

Frameworks: FastAPI, Flask, Spring, React, Vue, Node, Express, .NET

Infrastructure/Databases: AWS, GCP, Docker, Kubernetes, Terraform, Kafka, PostgreSQL, Grafana