

Da Yun Chung

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EDUCATION

University of Waterloo <i>Bachelor of Science, Systems Design Engineering</i>	Sept 2021 – Apr 2026 Waterloo, ON
<ul style="list-style-type: none">Relevant Coursework: Data Structures & Algorithms, Distributed Systems, Operating Systems, DatabasesRecipient of the Paul and Suzanne Koenderman Scholarship (1 of 1400+ students)	

WORK EXPERIENCE

Abnormal AI <i>Software Engineer Intern</i>	May - Aug 2025 San Francisco, CA
<ul style="list-style-type: none">Architected the company's first enterprise-wide MSK alerting system, empowering all teams with self-service incident management across 10+ environmentsEngineered a Kafka chaos-testing harness in Python generating AI-optimized logs cutting LLM debugging times and unifying tests across 20+ microservicesModernized MSK fleet via Infrastructure as Code, delivering zero-downtime upgrades that protect pipelines processing 10k+ msgs/secOptimized Kubernetes autoscaling for streaming workloads, refining log metrics to ensure consistent throughput under variable traffic and reducing cluster costs	
Commure <i>Software Engineer Intern</i>	Sept - Dec 2024 Mountain View, CA
<ul style="list-style-type: none">Implemented Python/GCP workflows to extract EHR data, automating thousands of medical claim submissions daily and generating \$1M+ in ARRDeveloped a CI/CD pipeline to automate validation checks for workflows, supporting engineers to identify discrepancies and maintain deployment integrityResolved 50+ critical on-call alerts, reducing downtime for key ETL pipelines and ensuring reliable data access for downstream systemsImplemented real-time documentation updates for 25 internal apps by integrating Github Actions with Notion	
Athelas <i>Software Engineer Intern</i>	Jan - Apr 2024 Mountain View, CA
<ul style="list-style-type: none">Designed and implemented an automated billing system for non-insurance procedure charges using PostgreSQL and FastAPI, saving over 75 hours daily across 48 practicesOptimized extractions by refactoring sequential requests into concurrent operations, cutting workflow times by 3xDeployed ETL pipelines to automate data validation of patient visits, replacing manual QA and achieving 100% accuracy in claim totals	
CI Technologies <i>Software Engineer Intern</i>	May - Aug 2023 Vancouver, BC
<ul style="list-style-type: none">Developed a metrics dashboard with Chart.js and MySQL, providing engineers with graphical insights into API response times and latenciesIntroduced new backend endpoints in Spring and implemented RESTful services to support editing functionality for user data, enhancing data management for 15k+ daily users	
Geotab <i>Software Engineer Intern</i>	Sept - Dec 2022 Toronto, ON
<ul style="list-style-type: none">Performed database migrations to support new batched elements, optimizing storage, and designed a user-friendly MVC interface to provide clear visualization of the extended informationDeveloped 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