

Triet Nguyen

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EDUCATION

Seattle Central College

Associate of Science, Computer Science GPA: 3.93

Seattle, WA

Expected 2027

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Calculus I, Physics

TECHNICAL SKILLS

Languages: Java, Python, SQL

Frameworks: Spring Boot, Spring Security, Spring Data JPA / Hibernate

Developer Tools: Docker, Docker Compose, Redis, Git, Maven, IntelliJ IDEA, Postman

Databases & Concepts: PostgreSQL, REST APIs, JWT Authentication, Async Job Queues, Scalable System Design

PROJECTS

Autopsy | Incident Investigation Agent | [GitHub](#) | *Java, Spring Boot, Claude API, Redis, Docker* 2026

- Built an AI agent (Claude API) that finds the root cause of app incidents by reading logs and metrics, writing the decision loop from scratch instead of using a framework; identified the cause in all 3 test cases at ~4 tool-calls and ~\$0.045 each
- Added 3 safety limits (max steps, token budget, blocking repeated tool calls) so the agent stops instead of looping or overspending, and answers “inconclusive” instead of guessing
- Ran slow investigations in the background with a Redis job queue and worker (submit, get a job ID, then poll), so requests return immediately instead of waiting
- Exposed 60+ metrics and structured JSON logs with request trace IDs, giving the agent real log and metric APIs to read and reason over; traced a 3-second slowdown to a slow dependency end to end

Job Application Tracker | [GitHub](#) | *Java, Spring Boot, Spring Security, PostgreSQL, Docker* 2026

- Designed and built a REST API (19 endpoints) for authentication, application CRUD, interview tracking, and AI-powered resume analysis, in a layered controller/service/repository architecture for testability
- Implemented stateless JWT authentication with Spring Security and BCrypt hashing, avoiding server-side session state to keep the design horizontally scalable
- Modeled a normalized PostgreSQL schema across 5 related entities using JPA/Hibernate, applying foreign-key relationships and cascade rules to enforce data integrity
- Integrated the Anthropic Claude API via OkHttp to score resume-to-job-description matches; automated deadline reminder emails with Spring Scheduler and Gmail SMTP as background jobs
- Containerized the service with multi-stage Docker builds, deployed the API to Railway, and secured cross-origin access with a configured CORS policy

LEADERSHIP & COMMUNITY

Student Leadership, Seattle Central College

Seattle, WA

Club Coordinator

Jun. 2026 – Present

- Support 40+ student clubs by leading orientations on funding, requirements, and event processes, and mentoring club officers on event planning, recruitment, and leadership
- Review club funding requests for policy compliance and viability, and assist with room reservations and printing
- Drive outreach through social media and on-campus presence, collecting survey/attendance data to assess event impact

Up Dance Control Club

Ba Ria, Vietnam

Vice President

2023 – 2024

- Led weekly practice sessions and taught choreography to a 20+ member club; choreographed original routines and coordinated rehearsal schedules
- Trained beginner members and organized showcase events that grew club membership by over 30%