Tacoma, WA
253-652-4837
nikngeno@gmail.com
nikngeno.com
nicholas-ngeno-23440531
nikngeno

Nicholas Ngeno

Summary

Emerging Software Engineer combining a 3.9 GPA in Computer Science with over 5 years of professional leadership experience. Skilled in Full Stack Development (C#, React) and Cloud Infrastructure (GCP, Serverless). Uniquely qualified to bridge the gap between technical execution and business requirements, bringing verified analytical rigor and team management skills to an engineering internship.

Education

Exp. Dec 2026 — **Bachelor of Science, Computer Science**, *Saint Martin's University*, Lacey, WA, GPA: 3.9

Relevant Coursework: Data Structures & Algorithms, Databases, Operating System, Cybersecurity, Quantum Computing, Data Communications & Networking, Software Engineering: Analysis & Design.

Associations: NSBE | **Awards:** Runner Up: Saint Martin Hackathon (March 2026)

Completed 2024 — **Associate of Science, Computer Science**, *Pierce College*, Lakewood, WA, GPA: 3.88

Awards: Outstanding International Student (May 2024), Chancellor's List, President's List.

Technical Skills

Languages	C#, Python, SQL, Java, JavaScript, PHP
Web & Frontend	React, HTML, CSS, Tailwind CSS
Backend & DBs	MySQL, SQL Server, PostgreSQL (Supabase), Firebase, Cloudflare Workers
Cloud & Tools	Google Cloud Platform (GCP), AWS, Linux, Vercel, VS Code, Git/GitHub
Concepts	Serverless Architecture, Edge Computing, REST APIs, Database Design, Data Analysis, Cloud Architecture, Durable Objects, OpenAI Integration

Cybersecurity Experience

Mar 2026 — **Co-Captain, Blue Team**, *PRCCDC Cybersecurity Competition (Collegiate)*

- Defended enterprise systems under continuous red team attack in a live simulated environment.
- Identified and mitigated vulnerabilities across DNS, authentication systems, and Linux/Windows services.
- Responded to incidents involving credential compromise, persistence mechanisms, and service disruption.
- Coordinated team defense strategy, prioritizing service uptime while containing active threats.

Technical Projects

2025 **Edge Study Coach (Serverless AI Assistant)**, *Cloudflare Workers, Durable Objects, Workers AI*

- Architected a high-performance AI study assistant deployed on the edge using Cloudflare Workers.
- Implemented Durable Objects to manage state and ensure persistent session memory across requests.
- Leveraged Workers AI for low-latency chatbot responses (<100ms).

2025 **EmpowerHer Digital Literacy Platform**, *React, OpenAI API, JavaScript, Vercel, Tailwind CSS*

- Developing AI-powered e-learning platform using React with real-time collaborative features.
- Integrated OpenAI chatbot tutor for personalized, real-time learner support and feedback.
- Deployed on Vercel with responsive design for accessibility across devices. (Live Site: `https://empowerher-tawny.vercel.app/`)

2024 **SMUHealth (Clinical Management System)**, *C#, ASP.NET, SQL Server*

- Developed centralized clinical appointment and records management system.
- Designed structured C# backend to manage appointment flow and patient data workflows.
- Implemented patient visit history tracking for improved continuity of care.

2024 **NHL Relational Database**, *SQL, Relational Modeling, Database Design*

- Designed and implemented normalized relational database for NHL team, player, and game data.
- Applied normalization principles, relational modeling, and schema best practices to ensure data integrity.
- Optimized query performance for complex multi-table joins on 50K+ records.

Professional Experience

Sep 2024–Present **President, International Students Club**, *Saint Martin's University*, Lacey, WA

- **Resource Management:** Managed annual budget and resource allocation to optimize operational efficiency.
- **Leadership:** Organized cultural forums and coordinated ambassador networks, demonstrating leadership and stakeholder engagement skills.

Jun 2023–Jul 2024 **Program Lead**, *Pierce College*, Lakewood, WA

- **Operations Oversight:** Managed budget sheets, inventory, and laboratory schedules to ensure smooth operational workflows.
- **Team Leadership:** Supervised a 20-member student technology team, fostering collaboration and technical skill development.
- **Incident Response & Innovation:** Engineered an offline scheduling and ticketing system during a cyber attack downtime, ensuring continuous lab operations and tracking of staff and student technical requests.
- **Data Analytics & Reporting:** Developed a service dashboard to monitor IT metrics, identifying peak request times and highly utilized resources to optimize technical support delivery.

Oct 2017–Dec 2021 **Senior Quality Assurance Manager / QA Manager**, *Sama*, Nairobi, Kenya

- **Executive Leadership:** Stepped into an Acting Director role for 6 months, overseeing entire BPO center operations including revenue generation, strategic hiring, and daily operations.
- **Workforce & SLA Management:** Directed a 50+ member QA department supporting a broader workforce of over 1,000 employees, consistently maintaining Quality SLAs above 95%.
- **Process Optimization:** Implemented internal controls, analyzed QA data for root cause analysis, and deployed system audits to streamline operations and mitigate risks.

Certifications

March 2026 Quantum Fundamentals – Black Opal

Dec 2025 Generative AI Leader Certification – Google

Sep 2024 Associate Cloud Engineer Certification – Google
Oct 2021 ISO: ISMS Auditor Training – Bellie & Roaster