

LIAM NGUYEN

Software developer with healthcare technology experience
and merged C#/.NET and Python contributions.

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SKILLS

ENGINEERING

C#, .NET, Go, Java, Spring Boot, REST APIs, Docker, Git, regression testing

DATA

Python, pandas, SQL, Snowflake, Power BI, PostgreSQL, SQLite

OPEN-SOURCE CONTRIBUTIONS

Nocturne, C# / .NET diabetes platform

MERGED OCT 2026

- Aligned `/times/echo` query parsing with `/times` and `/slice`, preserving the raw request separately; added filter regression coverage (#2267).
- Corrected status output to advertise existing v2 API support and updated its regression test (#2120).

VetLog, Python scheduler

PR #150 · Merged Sep 2026

- Filtered surgeries to those missing medical logs before building reminders; added a mixed-case regression test.

Firely .NET SDK, C# / FHIR

PR #3643 · Under review · Oct 2026

- Proposed explicit `IValue<string>` Base64 text access without decoding string-backed values, preserving the byte API and empty-value snapshot behavior.

fo-dicom, C# / DICOM

PR #2197 · Under review · Oct 2026

- Proposed omitting JSON `Value` for empty single-valued text in `System.Text.Json` while retaining the attribute and VR, with DICOM PS3.18 F.2.5 regression tests.

CARLOS EMR, JSP / JavaScript clinical forms

UNDER REVIEW · OCT 2026

- Proposed fixes for a JavaScript reference error in Mental Health forms (#5123) and a missing stylesheet request in Position Hazard (#5124), with browser regression checks using test patient data.
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EXPERIENCE

athenahealth, Product Delivery Associate

NOV 2024 – AUG 2026

- Built Power BI dashboards from Salesforce case data to track volume, resolution time and issue classification.
- Investigated healthcare data issues with Snowflake SQL and shared findings with product and engineering teams.
- Built a Python desktop tool using pandas, openpyxl and Snowflake queries to replace manual Excel data verification.

ZOLL Medical Corporation, QA Shift Lead / Incoming Inspector

JUN 2023 – OCT 2024

- Programmed CNC vision inspections for defibrillator components, documented nonconformances and trained new hires on inspection procedures.
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EDUCATION & CERTIFICATIONS

University of Manitoba, BSc Computer Science

Google Advanced Data Analytics Professional Certificate, Google

AUG 2026

AWS Certified Cloud Practitioner, Amazon Web Services