Lado Logga

Kitchener, ON — Email: ladologga@outlook.com — Phone: +1 226-600-6132
LinkedIn: linkedin.com/in/ladologga — GitHub: github.com/userchrispo — Portfolio: ladologga.xyz

Education

Wilfrid Laurier University **Expected May 2028**

Bachelor of Science in Computer Science (Professional Experience Program) *Waterloo, ON*

- Relevant Coursework: Data Visualization, Data Structures I/II, Object-Oriented Programming, Software Engineering, Database I.

Hackathons

PitchReady — Live Site — Devpost **Best Design Award - Hack The Future, 2026**

- Built an AI presentation and interview coach that uses MediaPipe Face Landmarker and the Web Speech API to analyze eye contact and live speech, then scores pacing, filler words, and answer quality with **GPT-OSS 20B via Groq** to deliver personalized post-session coaching.

Talks AI — Live Site **Top 10 - Tribe Network Black Youth AI Hackathon, 2026**

- Built a cash-flow simulator that fits **12-month spending forecasts** on a user's own transaction data, letting small business owners stress test what-if scenarios like income drops, supplier price hikes and slow seasons.

Projects

COVID-19 Trends Dashboard — *Python, Flask, Pandas, Plotly* — GitHub

- Designed an interactive Flask and Plotly dashboard for monthly COVID-19 trends across **5 countries** (Canada, Japan, USA, UK, India) from 2020 to 2024, letting users compare cases and vaccinations in real time by switching country and metric.
- Built the Pandas pipeline behind it: parsed dates as proper time columns, interpolated missing vaccination counts within each country, and clipped extreme spikes with an **IQR rule**, removing the outliers that previously distorted the time-series charts.

Premier League Stats Analyzer — *C++* — GitHub

- Reproduced Premier League standings across **11 seasons** (3,500+ matches, 2010-2021) by writing a C++ ranking engine with custom sorting algorithms and the league's exact tie-breaking rules over 12+ KPIs (possession, shots on target, corners, passes, fouls, etc).
- Wrote analytical functions for head-to-head matchups, year-over-year improvement, longest unbeaten runs and best-defense rankings across teams and seasons, writing reports to file with OOP models (teams, matches, seasons) around a dynamic CSV parser so new seasons can be added in the workflow smoothly.

Gym Tracker Database — *MySQL, SQL* — *Database I Final Project*

- Designed and deployed a **BCNF normalized** gym tracker database for Database I with 6 tables across users, body-weight, lifts and meals, composite and auto-increment primary keys, cascade and restrict foreign keys, indexes, multi-table views, stored procedures, functions, triggers and scheduled events.
- Wrote analytical SQL with **JOINs, CTEs and window functions** to track lift progression over time, compute weekly caloric averages and surface weight trend anomalies per user.

ScholarMatch — *Python, Pandas, NumPy, Matplotlib* — GitHub

- Built a scholarship-matching pipeline for Ontario students that scrapes **200+ scholarships** from public sources, cleans and validates the data in Pandas (missing values, type mismatches, duplicate entries), and ranks results against a user-input profile with a NumPy scoring engine across six weighted factors (GPA, major, eligibility, deadline, citizenship, award size).
- Ranked matched scholarships per user with a custom sorting algorithm and a Matplotlib fit-score distribution chart, surfacing the top-scoring scholarships at the top and showing how the rest cluster across the score range.

Technical Skills

Languages: SQL, Python, JavaScript, TypeScript, C++
Data & Analytics: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Power BI, Excel, Jupyter
AI: Prompt Engineering, LLM Integration
Tools: Flask, Node.js, Express.js, MySQL, PostgreSQL, MongoDB, Git, GitHub, VS Code, Cursor, Codex, Claude