NATHAN AMANKWAH

System Solutions · Data Science · Consulting · Artificial Intelligence & ML · Technology · Finance

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PROFESSIONAL EXPERIENCE

Director of Solutions & Strategy | *Polarity Lab* | polarity-lab.com

Providence, RI (Remote) · December 2025 – Present

- Recruited by PI Theodore Addo, MD to lead solutions and technical strategy for applications designed to protect cognitive focus.
- Diagnose iOS build-environment failures via testing and root-cause analysis, then document fixes and update procedures for the team.

Junior Business Solutions Analyst (Finance) | *HOIST* | hoist.tech

Ottawa, ON · May 2025 – Sep 2025

- Authored 50+ financial work instructions for IFS Cloud ERP, covering vouchers, settlements, and tax reporting.
- Configured closing financial vouchers to ensure compliance with internal controls.
- Built a skills & competency matrix for 70+ employees and integrated it into a Power BI executive dashboard.

Junior Technical Solutions Analyst | *HOIST* | hoist.tech

Ottawa, ON · Jan 2025 – Apr 2025

- Standardized the security matrix for 200+ users and deployed 20+ config packages across DEV, UAT, and production environments.
- Engineered API-tier customizations and designed a custom IFS Business Reporter for fixed assets.

Associate Business Solutions Analyst (Finance) | *HOIST* | hoist.tech

Ottawa, ON · May 2024 – Dec 2024

- Conducted 20+ CRUD testing scenarios and developed an Excel reconciliation template that was adopted company wide.
- Executed multi-company reconciliations during an ERP cloud migration, validating financial data and ensuring audit compliance.

Undergraduate Researcher (AI Trend Forecasting) | *University of Ottawa* |

Ottawa, ON · Jan 2025 – Apr 2025

- Developed Python & R predictive models (ARIMA, ML, & Tidyverse) under Prof. Rafid Mahmood, NVIDIA Senior Research Scientist.
- Analyzed AI industry trajectories, assessing economic, regulatory, and computational constraints.

EDUCATION

Honours Bachelor of Commerce | *University of Ottawa – Telfer School of Management*

Double Degree in Business Technology Management & Finance · 2026

VP of Finance, Telfer BIPOC Business Society · Director of Internal Relations · Member, Finance Society & BTA

Ontario Secondary School Diploma & IB Certificate | *Ashbury College · 2022*

SKILLS & TECHNOLOGIES

Technical: Microsoft Office · SQL · Python · R · IFS Cloud · ERP Utilization · API Development · DevOps · Agile Testing

Development: Full-Stack Apps · Front/Back-End Databases · UI/UX Design · TUI · Prompt Engineering

Business: Financial Analysis · Consulting · Reconciliation · Internal Controls · Process Documentation

Relative Attributes: Leadership · Communication · Teamwork · Adaptable · Organized · Self-Motivated

Certifications: IFS Cloud (Workflow, UX) · LinkedIn Learning: Python, Power BI, Excel, Financial Statement Analysis

COMMUNITY & BACKGROUND

Canadian Citizen · English (Fluent) · 500+ Professional Connections

Volunteer: Food Bank Volunteer, Care Center Ottawa (2022–Present) · Preschool Teacher, Bethel Pentecostal (2018–Present)

Synopsis: A motivated, detail-oriented student with a strong work ethic, leadership skills, and a drive for professional growth. Canadian citizen with a natural aptitude for problem-solving, organization, and teamwork, looking for the opportunity to apply and expand my skills in a corporate or professional setting.