NATHAN AMANKWAH

Finance · Artificial Intelligence & Machine Learning · Full Stack · Business Administration

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linkedin.com/in/nathan-amankwah · polarity-lab.com

VENTURES & FOUNDING WORK

Co-Founder & Patent Contributor | *Polarity Lab* | polarity-lab.com

Providence, RI (Remote) · 2025 – Present

‣ Research lab studying how conversation reveals cognitive patterns; contributed to Patent #2 (2 provisional patents filed)

‣ Built CCX technology: maps how ideas connect in minds through natural conversation without medical imaging

‣ Developed 5 products on CCX framework; 11 years of foundational research backing the technology

‣ Full-stack development: front-end UI, back-end databases, API integration, prompt engineering, DevOps

Co-Founder | *WAXFEED* · 2025 – Present | wax-feed.com

World's first music taste platform. Users rate albums, get timestamped discovery proof, and connect via TasteID—their unique musical DNA. 553K+ albums catalogued.

Co-Founder | *Pain Points* · Jan 2026 – Present | painpoints.site

Crowdfunded bounty marketplace turning user frustrations into funded problems. Builders compete to solve real issues with money attached. $12K+ raised, 35 active bounties.

Product & Systems Lead | *A Very Distant Perspective* · Dec 2025 – Present | youtube.com/@averydistantperspective88

Creative platform converting deep conversations into stories about human connection. Video content exploring pottery and authentic creative expression.

PROFESSIONAL EXPERIENCE

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

Ottawa, ON · May 2025 – Sep 2025

‣ Authored 50+ financial work instructions for IFS Cloud ERP (vouchers, settlements, tax reporting)

‣ Configured closing financial vouchers ensuring compliance with internal controls

‣ Built competency matrix for 70+ employees, integrated into Power BI executive dashboard

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

Ottawa, ON · Jan 2025 – Apr 2025

‣ Standardized security matrix for 200+ users; deployed 20+ config packages DEV → UAT → production

‣ Engineered API-tier customizations; designed custom IFS Business Reporter for fixed assets

Business Solutions Analyst – Finance | *HOIST* | hoist.tech

Ottawa, ON · May 2024 – Dec 2024

‣ Conducted 20+ CRIM testing scenarios; developed Excel reconciliation template adopted company-wide

‣ Executed multi-company reconciliations during ERP cloud migration ensuring audit compliance

Undergraduate Researcher – AI Trend Forecasting | *University of Ottawa*

Ottawa, ON · Jan 2025 – Apr 2025

‣ Developed Python predictive models (ARIMA, ML) 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*

Finance & Business Technology Management · Expected December 2027

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: Python · SQL · Power BI · Excel · IFS Cloud ERP · API Development · DevOps · Agile Testing

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

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

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 and detail-oriented student with a strong work ethic, leadership skills, and a passion for professional growth. An enthusiastic Canadian citizen adept at problem-solving, organization, and teamwork, seeking an opportunity to apply and develop skills in a corporate or professional setting.