

Barisua Ntor-ue

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EDUCATION

University of St. Thomas

St. Paul, MN

Bachelor of Arts in Computer Science

May 2027

- Relevant Coursework: Algorithms, Data Structures, Database Design, Information Security, Object Oriented Design

EXPERIENCE

AI Training Engineer

Apr 2026 – Jun 2026

AfterQuery

Remote

- Build containerized evaluation environments using Docker and Harbor to isolate and benchmark LLM capabilities across 10+ codebase challenges in debugging and feature implementation
- Author test suites enforcing TDD principles to validate LLM code fixes and eliminate 100% of hardcoded workarounds

AI Trainer

Dec 2025 – Present

Handshake

Remote

- Evaluate AI-generated source code for structural correctness, edge-case resilience, and software optimization using Omni Elo ranking methodologies
- Analyze model responses against software engineering rubrics, establishing training pipelines to optimize LLM performance and reduce programmatic logical errors

Data Analytics Extern

Jul 2026 – Present

Breaking Games

Remote

- Designed and built a SQLite analytics database unifying six disconnected e-commerce data sources into one queryable system, using Claude AI as an engineering co-pilot, and engineered cleaned views to filter bot traffic and bad data from every downstream query
- Built marketing-channel attribution across 400+ referral sources to connect ad spend to revenue, turning the analysis into a clear recommendation for next quarter's ad budget
- Built an HTML + Chart.js dashboard and presented a Holiday Game Plan covering what to reorder, where to spend, and what to fix

PROJECTS

The Unofficial University Guide: Production RAG Pipeline | *Python, ChromaDB, Groq* May 2026 – Jun 2026

- Engineered an end-to-end RAG pipeline to process a multi-document corpus of unstructured housing regulations and student data
- Implemented semantic vector search using all-MiniLM-L6-v2 embeddings with strict distance thresholds (<0.65) to enforce source attribution and eliminate LLM hallucinations

Agentic Music Recommendation System | *Python, REST*

Apr 2026 – Apr 2026

- Designed a 4-part agentic architecture (retriever, agent, evaluator, recommender) processing natural-language queries against a 10,000+ item catalog via REST
- Built reliability guardrails with structured logging and 42 unit tests, reducing hallucinated outputs by 91% with a 100% pass rate

Full Stack Web Application | *React, Python, Flask, SQLAlchemy*

Dec 2025 – Dec 2025

- Modeled a 5-table normalized SQL schema using SQLAlchemy ORM, cutting query times by 55% vs. flat-file architectures
- Authored 7+ RESTful Python/Flask API endpoints integrated with a React frontend

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, Java, C#

Frameworks/Libraries: React, Flask, SQLAlchemy, Pandas, NumPy

Tools: Git, Docker, Claude Code, VS Code