

Abdullahi Abdi

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EDUCATION

University of Minnesota – Twin Cities

Expected May 2027

Bachelor of Arts in Computer Science · Bachelor of Arts in Economics

Minneapolis, MN

Relevant Coursework: Advanced Programming Principles, Machine Learning Essentials, Statistics, Microeconomics, Macroeconomics

SKILLS

Programming: Python, Java, SQL, OCaml

Data and Analytics: SEO Analysis, Survey Analysis, Customer Funnel Analysis, Data Cleansing, Tableau, Excel

AI and Automation: Retrieval-Augmented Generation, Prompt Engineering, Natural Language Processing

Cloud and Web: AWS (Lambda, S3), Docker, FastAPI, Git, GitHub Actions

Product and Operations: QA Testing, Requirements Gathering, Workflow Optimization, Cross-Functional Collaboration

EXPERIENCE

Information Technology Intern

July 2024 – Mar. 2025

Ramsey County Tech Squad; Crescent Career Center

Saint Paul, MN

- Led and coordinated frontline technology support across hardware, software, and network issues, serving as first point of contact for end users.
- Triageed and resolved **15–20 weekly** support tickets, validating fixes, documenting outcomes, and escalating complex issues to technical teams.
- Managed imaging and deployment of over **50** laptops per month, standardizing provisioning workflows to improve reliability and setup efficiency.
- Communicated emerging AI and cybersecurity risks to non-technical staff, supporting safer technology use and informed operational decisions.

Data Analyst Intern

June 2023 – Oct. 2023

NCXT.co – Saint Paul Resiliency Project

Minneapolis, MN

- Reviewed, sanitized, and structured SEO survey data for over **200** local restaurants, converting raw inputs into analysis-ready datasets.
- Analyzed customer discovery signals including search visibility, reviews, and web ordering to identify adoption gaps affecting acquisition.
- Segmented restaurants by digital maturity to inform targeted outreach and prioritize high-impact candidates for future support.
- Collaborated with engineers to integrate validated datasets into Tableau dashboards used by city leaders for planning and engagement.

PROJECTS

InsightBot – SEC Filing Investment Assistant | Python, LangChain, FastAPI, Docker

2025

- Engineered AI-powered query system processing 200+ SEC filings using RAG, reducing research time by 75% through natural language search capabilities across financial documents.
- Architected FastAPI REST endpoints with structured ingestion pipelines, enabling 50+ concurrent queries with sub-2s response times for document-grounded investment insights.
- Containerized application with Docker for reproducible deployment, streamlining setup from 2 hours to 5 minutes.

Restaurant Digital Presence Optimization | Excel, Tableau, SEO Analytics

2023

- Analyzed SEO and digital visibility metrics for 386 restaurants, identifying that 62% had critical gaps in local search rankings and online discoverability affecting customer acquisition.
- Cleaned and validated 15,000+ survey data points, building segmentation models that uncovered 3 distinct restaurant archetypes for targeted intervention strategies.
- Created interactive Tableau dashboards tracking 12 KPIs, empowering city stakeholders to allocate \$2M in support funds based on data-driven prioritization framework.

AWARDS & LEADERSHIP

- MLT Career Prep Fellow — 18-month selective fellowship focused on analytical problem-solving, leadership development, and professional readiness.
- ColorStack UMN — Academic & Professional Co-Chair — Led academic support, career readiness programming, and peer mentorship for underrepresented computing students.
- Youth on Board, City of Saint Paul — Appointed civic role contributing data-informed perspectives to budgeting and grant review discussions.
- CLA Dean's List — Spring 2023, Fall 2024, Spring 2024.
- President, Emerging Scholars Program — Apart of a merit-based program supporting high-achieving, first-generation college students.