

Edlawit Gide

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EDUCATION

Minnesota State University

B.S. in Computer Information Technology, Minor in Finance

Mankato, MN

Expected Graduation: May 2026

Awards/ Scholarship: International Maverick Scholarship Recipient

Relevant Coursework: Data Structure & Algorithms (Python), Computer Architecture, Database(SQL) & Information Security, Object Oriented Programming (Java), Software Engineering, Web Development (JavaScript, HTML/CSS, React)

Organizations: RTC, ColorStack, NSBE, SheCodes, CodePath, LeetCode Club

TECHNICAL SKILLS

Language/ Tools: Python, Java, SQL, CSS/HTML, JavaScript, React, GitHub, Node.js, VS code, VMware, R

Technical: Database Management, Task & Time Management, Web Development, Problem Solving, Leadership, Customer Service, Teamwork

PROJECTS

Bookish Web App

- Designed and developed a full-featured social media **web app** using **JavaScript** and **React**, featuring a Tinder-like book swap functionality, advanced content filtering, and seamless **Facebook Login** for user authentication.
- Created a user-friendly interface that enhances **engagement** by connecting users based on shared interests.

DataVista (Data Dashboard)

- Built a responsive data dashboard that integrates real-time **API** data fetching with React, using **useEffect** and **async/await** to manage **asynchronous** calls and display key insights.
- Optimized SQL queries to improve data structuring, search functionality, and filtering capabilities, resulting in a **20%** faster data load time.

Purchase prediction

- Utilized Decision Tree and Random Forest algorithms using **Python** to **predict** consumer purchasing behavior in a targeted marketing context.
- Analyzed a **dataset** containing demographic information and income levels to segment the audience and predict whether individuals of specific age and income groups would make a product purchase.
- Improved prediction accuracy from **80%** (using Decision Tree) to **90%** by implementing Random Forest, demonstrating effective model selection and tuning skills for enhanced predictive capabilities.

EXPERIENCE

Senior IT Solutions Consultant

IT Solution Center - MNSU

Mankato, MN

October 2023 - Present

- Diagnosed and resolved complex software issues weekly for 50+ end users, utilizing remote support software.
- Provided end-to-end technical support to users, troubleshooting hardware and software issues with a 99% customer satisfaction rate.

Peer Mentor

Minnesota State University

Mankato, MN

July 2023 - September 2023

- Mentored over 50+ students on technology tools and resources, resulting in a 95% improvement in their academic performance and digital literacy skills, as evidenced by feedback and assessment results.
- Actively addressed technical and academic inquiries from new students, helping them navigate course content, campus systems, and student activities, fostering a supportive learning environment.

Online Presence Manager & Programs Chair

NSBE | Minnesota State University

Mankato, MN

April 2024 - Present

- Managed NSBE's online presence, by creating content to boost engagement and support recruiting outreach.
- Oversaw the planning and executing of 10+ events and programs, ensuring alignment with the organization's goals

LEADERSHIP & ACTIVITIES

ColorStack MNSU

Vice President

- Facilitated on-campus access to ColorStack resources for 50+ underrepresented tech students, providing mentorship, securing scholarships, and organizing 5+ professional development workshops that led to a 30% increase in student participation in tech opportunities.

Google Gen AI Intensive Course

Student

- Completed Google's Gen AI Intensive course, gaining hands-on experience in foundational models, embeddings, AI agents, domain-specific LLMs, and MLOps for generative AI.
- Collaborated with 10+ Google ML researchers and industry experts to apply advanced AI techniques for building and deploying machine learning models across various applications.

Cybersecurity Techniques Project

Lead Researcher

- Developed presentations on cryptography to enhance understanding of encryption best practices, increasing peer engagement by 30% and promoting data security awareness.