

Cabdifataax Iid Maxamuud

iid.maxamuud@tcu.edu • 817-903-9650 • [LinkedIn](#) • [GitHub](#) • [Portfolio](#) • Fort Worth, TX

EDUCATION

Texas Christian University

Fort Worth, TX

B.S. in Computer Information Technology

May 2027

Coursework: Data Science, Machine Learning, Database Systems, Data Structures, Cloud Computing, Statistics

Certifications: Cornell University Machine Learning Foundations Certificate

Aug 2025

EXPERIENCE

IT Support Assistant

Dec 2023 - present

Texas Christian University

Fort Worth

- Provide technical support for students, faculty, and staff by troubleshooting hardware, software, connectivity, and account-related issues
- Diagnose and resolve system issues across enterprise applications, workstations, and campus technology systems
- Manage and document support tickets while maintaining accurate technical records and workflow tracking
- Maintained a 4.77/5 customer satisfaction rating through strong communication and problem-solving skills

Machine Learning Fellow

Aug 2025 - Dec 2025

Meta

Remote

- Performed exploratory data analysis and model experimentation using structured datasets and machine learning workflows
- Built and evaluated ML models while documenting experimentation results, workflows, and analytical findings
- Cleaned, transformed, and analyzed datasets to improve analytical reliability and model performance
- Collaborated with technical teams in a fast-paced environment to solve data and system-related challenges

Software Engineering Fellow

July 2024 - Aug 2024

HeadStarter AI

Remote

- Developed backend workflows and data pipelines for processing structured and unstructured data
- Conducted testing and debugging to improve reliability, performance, and scalability of AI-powered systems
- Worked with APIs, software integrations, and technical documentation in an Agile engineering environment
- Assisted with data processing workflows, experimentation support, and operational documentation

SKILLS & LANGUAGES

- **Programming, Data & AI/ML:** Python, SQL, Java, JavaScript, Pandas, NumPy, Jupyter Notebook, FastAPI, LangGraph, BigQuery ML
- **Data Engineering & Analytics:** EDA, structured experimentation, data validation, data preprocessing, data pipelines, ETL concepts, metadata documentation, reporting, trend analysis, data quality analysis
- **Databases & Systems:** Relational databases, MySQL concepts, SQL Server concepts, APIs, backend development, system integration, Git/GitHub, Linux/Unix, version control
- **AI & Cloud Technologies:** LLMs, RAG concepts, agentic workflows, NLP pipelines, embeddings, cloud computing fundamentals, AI-assisted development workflows
- **Professional Skills:** Technical documentation, analytical problem-solving, customer service, cross-functional collaboration, technical communication, workflow organization, adaptability, attention to detail

PROJECTS

TaskBuddy Agent - Developer

[GitHub](#) | [View Project](#)

- Built *TaskBuddy*, a multi-agent AI system using LangGraph and FastAPI to automate academic workflows, including content extraction, organization, and document generation.

Semantic Book Recommender - Developer

[GitHub](#) | [View Project](#)

- Designed an embedding-based system for semantic similarity and recommendation

Demographic Bias Detector - Contributor

[GitHub](#) | [View Project](#)

- Developed NLP pipelines and predictive models to analyze bias in large text datasets

AI MLB Analytics Agent - Developer

[Badge](#)

- Developed a data analytics agent using BigQuery ML with automated feature engineering and transformation workflows

LEADERSHIP & AFFILIATIONS

Treasurer | [TCU CS Society](#) | TCU

Feb 2025 - Present