

Abdisalan Sharif Ali

Katy, Texas | 713-385-2506 | abdisharifali@yahoo.com | [LinkedIn](#) | abdisalam.blog

EDUCATION

Prairie View A&M University (PVAMU) — B.S. in Management Information Systems (Expected May 2028)

Lone Star College System — A.A. in Business Administration (Expected May 2026)

TECHNICAL SKILLS

Languages & Frameworks: Python, JavaScript, TypeScript, React, C++, HTML5/CSS3, PyTorch, TensorFlow, RESTful APIs, Node.js

Developer Tools & Technologies: Git, GitHub, Vercel, Firebase, MongoDB, AWS/GCP (Foundational), CI/CD Pipelines, Adobe Lightroom, MS Excel

Spoken Languages: Somali (Native), English (Full Professional Proficiency), Arabic (Proficient), French (Proficient)

EXPERIENCE

Verithia Research Group — Founder & Lead Researcher

Winter 2023 – Summer 2025

- Founded an AI/LLM research initiative dedicated to creating accessible, low-bandwidth, and offline educational tech models for resource-scarce communities.
- Architected lightweight neural network pipelines optimized for low-resource hardware, enabling local inference in off-grid environments.
- Managed end-to-end strategy, team leadership, and data science principles to support scalable tech deployments.

Cengage Group — Marketing Intern

January 2025 – Present

- Drive corporate growth and digital tool adoption (MindTap/WebAssign) across campus via targeted peer marketing, presentations, and faculty partnerships.
- Gather and analyze student user feedback to deliver market intelligence reports to leadership for product optimization.
- Collaborated with academic department leads and campus organizations to execute strategic promotional campaigns and workshops.

Lone Star College — Assistant, Advising & Records Departments

April 2025 – Present

- Optimize front-desk intake and student triaging across a 13,000+ student campus, reducing wait times through streamlined verification systems.
- Assist students with transfer pathways, degree auditing, and moderate virtual Q&A sessions via Zoom/Webex.
- Maintained high accuracy in student academic record management, audit tracking, and multi-departmental workflow coordination.

Freelance Full-Stack & Web Developer

Summer 2023 – Present

- Design, build, and deploy custom modern web applications for small businesses and private clients using modern frameworks.

Engineer responsive UI components and integrate backend APIs, database schemas, and hosting platforms to meet targeted client requirements.

LEADERSHIP & COMMUNITY SERVICE EXPERIENCE

The SISU Foundation for Educational Development — Co-Founder & President

Nov 2021 – Present

- Co-founded a non-profit launching 3 learning centers in East Africa to deliver core STEM education to vulnerable youth.
- Expanded U.S. community programming, spearheading foundational math, science, and ESL integration tracks for immigrants.
- Oversee operational planning, volunteer coordination, resource distribution, and outreach strategies across regional hubs.

Genius Terminal — Technical Instructor & Bootcamp Lead

June 2023 – Present

- Designed and taught an 8-week C++ and Arduino robotics curriculum for 24 students in partnership with Mumineen Relief.
- Led intensive SAT Math prep bootcamps for underserved students, accelerating academic performance and equity.

PROJECTS

Oriteria (Formerly Journalite) | *React, TypeScript, Firebase, MongoDB, REST APIs*

Jan 2024 – Present

- Architected a scalable full-stack web application featuring real-time user interaction, live presence, and customized data-fetching logic (journa.abdisalam.blog).
- Implemented secure database queries, custom analytics tracking, and responsive frontend views to enhance application performance.

Alen AI | *PyTorch, TensorFlow, Python*

Feb 2023

- Developed a machine learning prototype for terminal-controlled smart home automation and intelligent light management.

Trained predictive model components using PyTorch and Python CLI interfaces to execute hardware control sequences efficiently.