

MOHAMED AHMED

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EDUCATION

Bennington College

Bachelor of Arts in Computer Science, Minors in Data Science and Mathematics. **GPA: 3.5**

Bennington, VT

May 2027

Relevant Coursework: Systems I & II, Data Structures, Algorithms, Functional Programming, Statistical Methods for Data Analysis, Discrete Mathematics, Linear Algebra, Multivariable Calculus, Abstract Algebra, AI & Ethics

EXPERIENCE

AI Engineer

Climate Action Now

Jan. 2026 – Present

Remote

- Design, build, test, and deploy an AI-assisted production pipeline scraping 20+ data sources, applying LLM analysis and prompt engineering to auto-publish 50+ weekly advocacy actions.
- Improved productivity over 90% via AI-assisted automation and validating AI-generated outputs, cutting drafting from 30–60 minutes to under 5 minutes.
- Owned backend services and PostgreSQL schema design for validated LLM outputs, improving reliability and query performance.

Co-Founder and COO

Agabb

Jan. 2025 – Present

Vermont, United States

- Co-founded Somaliland's first locally-sourced bookkeeping platform and POS system, onboarding 30+ businesses.
- Built scalable cloud backend services and REST APIs using Python, JavaScript, MongoDB (NoSQL), and AWS, supporting 90,000+ monthly transactions.
- Owned features from requirements through production with testing and Agile workflows, coordinating a 5-person Product and Engineering team.

Admissions Intern

Bennington College

Jan. 2025 – Present

Bennington, VT

- Produced 3 pieces of content weekly for Instagram and TikTok, driving a 40% increase in audience engagement and reach.

STEM Instructor

Lavner Education

June 2024 – Aug. 2024

Saint Paul, MN

- Mentored 10+ students in OOP, data structures, algorithms, and debugging, achieving a 100% assessment success rate and 10+ demos.

Teacher, Academics, Admissions and Systems Administrator

Abaarso School of Science and Technology

Aug. 2022 – July 2023

Somaliland

- Designed data collection and reporting systems for admissions, tracking 3,000+ exam takers across 70+ schools in 6 regions.
- Managed student performance data across 300+ accounts; taught Mathematics, English, and Leadership to 68 students.

PERSONAL PROJECTS

AI Market Intelligence | [GitHub](#) | Python, Streamlit, Pandas, OpenAI API, Plotly

- Built and deployed a production data pipeline and dashboard with market APIs and OpenAI to ingest, transform, and visualize financial and news data.

Assembler and VM Translator | Python, Hack Assembly, VM

Fall 2024

- Built maintainable systems software (assembler and VM translator) using OOP and data structures to translate assembly/VM commands to machine code.

SKILLS

Languages: Python, Java, C++, JavaScript, TypeScript, SQL, PHP, R

Backend & Cloud: REST APIs, Flask, FastAPI, Django, Node.js, AWS, Google Cloud, Docker, Linux, Git, CI/CD, backend services

Data Stores: PostgreSQL, MongoDB (NoSQL), Redis, Pandas, NumPy, PySpark

Software Engineering: Data structures, algorithms, OOP, system design, testing, debugging, Agile, SDLC, code quality, maintainable software

AI-Assisted Engineering: Prompt engineering, generative AI, OpenAI SDK, AI-assisted development, automation, validating AI-generated code

ACTIVITIES & LEADERSHIP

Member of AfroTech

- Registered 2026 AfroTech attendee engaging with Black technologists and engineering recruiting networks

Mathematics and Computer Science Teaching Assistant

- Linear Algebra, Sets Logic and Proof, Dynamical Systems, Data Structures and Algorithms, Intro to CS, Multivariable Calculus