ABEL KASSA

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Education

Minnesota State University Mankato **Dec 2026**
Bachelor of Science in Computer Science, GPA: 3.87 *Mankato, MN*
- Awards: International Maverick Scholarship Recipient, Dean's List, Taylor Corporation Computer Science Scholarship
- Relevant Coursework: Operating Systems, Programming Language, Discrete Math, Computer Architecture, Algorithms, Data Structures, Calculus I/II

Technical Skills

Languages: Java, Python, SQL, TypeScript, JavaScript, CSS/HTML
Frameworks and tools: Firestore Firebase, MongoDB, Azure DevOps, NextJs , Git, React

Experience

Software Engineer Intern **May 2025 – Present**
SEO *New York*
- Completed industry-specific training and assessments focused on developing interview skills and different Tech skills.
- Receive individualized coaching and instruction to achieve professional development goals.
- Explore various tech companies and work on fulfilling requirements with the help of different coaches.

Student IT Consultant **August 2024 – Present**
Minnesota State University *Mankato, MN*
- Configured and maintained campus workstations using Active Directory, Group Policy, and LAPS, ensuring secure and consistent software deployments across student labs and faculty offices.
- Diagnosed and resolved Tier 1 and Tier 2 issues related to Windows, macOS, and networking protocols, enhancing support turnaround by 30%.

Virtual Insight Program **June 2024 – August 2024**
Goldman Sachs *Remote*
- Gained insights into investment banking, financial markets, and corporate strategies through industry-leading presentations and networking opportunities.
- Engaged in virtual networking events with financial professionals, allowing for growth in both knowledge and career connections.

Projects

Southern Minnesota Science Fair | *React, Firestore, Typescript* **August 2025**
- Built a multi-role web platform to streamline project submission, review, and judging workflows for science fairs.
- Created a dynamic dashboard for judges to evaluate projects and stores results in Firestore, improving efficiency by 80%.
- Implemented a workflow that gets triggered on project creation, reducing evaluation errors by 30%.

CLI Travel Planner | *Python, Yelp API, Google GenAI, SQLite, Git* **July 2025**
- Built a command-line travel planner that generates personalized daily itineraries using Yelp for attractions and Google GenAI for scheduling.
- Integrated Yelp API to fetch top-rated destinations and restaurants based on user-selected city and duration of stay.
- Utilized Google Generative AI API to generate day-by-day travel plans tailored to user interests and trip length.
- Stored itinerary data in a local SQLite database, allowing users to retrieve and manage schedules efficiently.
- Followed PEP8 standards, wrote unit tests, and implemented GitHub CI workflows for style and testing automation.

Alchemi | *NextJs, MongoDB, Azure* **August 2023**
- Developed an educational platform capable of intelligently parsing course syllabi up to **500**-page documents using **MongoDB** as the database back-end and Next.js front-end.
- Integrated AI tutor bots trained on the syllabus and a dynamic quiz generator using **OpenAi API** to produce **10+** quizzes per syllabus for a personalized learning experience.

Leadership and Activities

Ethiopian and Eritrean Associations | *Community Relations* **Jan 2024 - May 2025**
ColorStack MNSU | *Member* **March 2025 - Present**
CodePath | *Student fellow* **May 2023 - Present**