

Hamsa Abdikarim

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EDUCATION

UNIVERSITY OF MINNESOTA

Bachelor of Science in Computer Science, GPA: 3.35

Minneapolis, MN

Expected Dec 2026

Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics; Advanced Programming Principles; Computational Linear Algebra; Probability and Statistics

TECHNICAL SKILLS

Technical Skills: Proficient in Python, Java, NumPy, Ocaml, JavaScript, HTML/CSS

Technologies: Git; Github; Visual Studio Code; Jupyter Notebook; Google Colab

WORK EXPERIENCE

NexGen Consultants US.

Fridley, MN

Infrastructure Technology Intern

Jun 2022 – Aug 2023

- Demonstrated expertise in Windows 10/11, Microsoft Office, and Google Apps to provide technical support to school staff and learners
- Established a comprehensive printer system for the school, valued at \$200,000, to optimize document management

It's Tutoring Time!

Minneapolis, MN

Mathematics and Science Tutor

Sep 2020 – Jan 2022

- Provided math and science tutoring to 3rd-6th grade students during the COVID-19 pandemic, ensuring continued educational support in a challenging remote learning environment
- Adapted teaching methods to engage and motivate students in virtual and in-person settings, resulting in improved academic performance

PROJECTS

2D CHESS GAME

Oct 2024

- Developed a fully functional 2D chess game using Java, implementing core game mechanics and rules
- Designed an intuitive user interface and efficient move validation. Implemented algorithms for move validation, turn-based logic, and check/checkmate detection to ensure accurate gameplay

PERSONAL FINANCE APP

Dec 2024

- Developed a personal finance tracker that allows users to log and categorize expenses, generating basic statistical reports
- Built using Python with file handling and basic data visualization

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

MANAGEMENT LEADERSHIP FOR TOMORROW

Washington, DC

Career Prep Fellow

Jan 2025 – Present

- Selected into an 18-month professional development program for high-achieving diverse talent
- Completed business case studies and technical assignments to grow leadership and technical skills
- Attended conferences hosted by industry leaders, such as Apple, Netflix, Adobe, and Bloomberg

BUILDING BROTHERHOOD

Minneapolis, MN

University Student Group Member

Aug 2024 – Present

- Participated in multiple events with likeminded students, navigating our way to balance academics and faith while in university

ADDITIONAL

Languages: Fluent in English, Somali; Limited Working Proficiency in Arabic

Awards: President's Volunteer Service Award (2024); Minnesota State Science & Engineering Fair - Premium Award for Exhibits (2021)