**Hassan Mohamed**

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**EDUCATION**

**University of Minnesota Twin Cities Minneapolis, Minnesota**

*B.A in Computer Science Expected Graduation, May 2027*

* **GPA: 3.1**
* **Related Coursework:** Data Structures Algorithms, Artificial Intelligence, Object-Oriented Programming and

## Statistics & Applications, Machine learning, Adv. Programming Principles, Machine Architecture and Org

**EXPERIENCE**

**Headstarter AI Minneapolis, Minnesota**

*Software Engineering Fellow July 2024 – September 2024*

* Architected and developed over 5 AI-driven applications and APIs using cutting-edge technologies like NextJS, OpenAI, Pinecone, and StripeAPI, achieving a 98% accuracy rate and engaging 1000+ users.
* Led a team of 4+ engineering fellows from project conception to deployment, implementing MVC design patterns to ensure robust and scalable software solutions.
* Received mentorship from top-tier engineers at Amazon, Bloomberg, and Capital One, mastering Agile methodologies, CI/CD pipelines, Git workflows, and microservice architecture.

**Best Buy Tech Advisor Richfield, Minnesota**

*Tech Advisor October 2021 – January 2022*

* Help Successfully manage and client and built relationships as a Tech Sales Advisor at Best Buy,

demonstrating effective communication skills.

* Applying and developed an in-depth understanding of software engineering,

products and technologies.

* used consultative selling strategy to determine the software-related,

problems and difficulties of clients.

**PROJECTS**

**Automotive Inventory Tracker Minneapolis, Minnesota**

*Developer / Creator July 2024 – August 2024*

* Developed a responsive automotive inventory management system using Next.js and Firebase, handling inventory worth $327,693.
* Implemented real-time database synchronization for adding, updating, and removing items, enhancing user experience with a modern UI.
* Integrated Firebase for backend services, including authentication and cloud storage, ensuring high performance and scalability.

**ACTIVITIES AND LEADERSHIP**

**UMN Minorites In Tech Club Minneapolis, Minnesota**

*Team Member January 2024 – March 2024*

* worked together with club members to solve programming problems, exchange comments, and enhance the effectiveness and quality of the code with mentors and other club members.
* took part in a session where club members learned the fundamentals of object-oriented programming, data structures, and algorithms while putting their coding talents to use in Python and Java.

**SKILLS**

**Programming Languages:** Python, HTML, Java, JS, C+ and C++, CSS, Microsoft Excel

**Verbal Languages**: English and Somali (Fluent)