Hassan Mohamed

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EDUCATION

University of Minnesota Twin Cities   **Minneapolis, Minnesota**
B.A in Computer Science   *Expected Graduation, May 2027*
   o **GPA: 3.2**
   o **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**
Creator   *July 2024 – August 2024*

- Built a responsive automotive inventory management system with Next.js and Firebase, efficiently managing inventory valued at $327,693.
- Implemented real-time database synchronization for seamless inventory updates, enhancing user experience with a modern, intuitive UI.
- Integrated Firebase for backend services, including authentication and cloud storage, ensuring high performance, scalability, and secure data management.

Ai Tesla Chat Bot   **Minneapolis, Minnesota**
Creator   *August 2024*

- Built an AI-powered chatbot for Tesla support using Next.js and OpenAI API, providing responsive and intelligent customer service interactions.
- Utilized server-side rendering and API routes for efficient data handling and real-time responses.
- Designed a clean and intuitive user interface with light and dark mode options, enhancing user accessibility.

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, Next.js, React.Js, OpenAI
Verbal Languages: English and Somali (Fluent)