Mohammed N Khan

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EDUCATION

UNIVERSITY OF MINNESOTA Minneapolis, MN

Bachelor of Arts in Computer Science Grad May 2026

Relevant Coursework: Algorithms, Data Structures, Operating Systems, Machine Architecture, Advanced Programming

TECHNICAL SKILLS

Programming Languages - Python, Java, JavaScript, C#, OCaml, C, React

Tools – Git, VS Code, IntelliJ, Junit Testing, Azura Dev Ops, TestRail

PROFESSIONAL EXPERIENCE

HEADSTARTER AI Minneapolis, MN

Software Engineering intern July 2024

- Incoming Software Engineering Intern

LAND O' LAKES Minneapolis, MN

Data Engineering Intern Aug 2022 – Aug 2023

- Played a pivotal role in meticulously validating data and quality assurance by extensively testing 70% or more of the test scripts through test rail to make sure all the data was accurately transferred from the old software to the new JDE software.
- Demonstrated a keen understanding of supply chain IT systems and processes by actively participating in a full project lifecycle, spanning from initial planning to successful implementation.
- Acquired hands-on experience by shadowing a seasoned Senior Business Analyst, gaining insights into testing data on a newly created JD Edwards software for the planning department in Dairy Foods.

PROJECTS

Minesweeper Game (Java, Junit, Git, Agile)

- Designed and implemented intricate game logic for Minesweeper, incorporating advanced features such as revealing starting areas, handling revealing zeroes scenarios, and more
- Leveraged robust data structures, including stacks and queues, to optimize game functionality and enhance overall gameplay
- Employed Agile methodologies to iteratively develop and refine game features, enhancing team collaboration and project management

Chess Game (Java, Junit, Git, Agile)

- Using data structures like 2D-Arrays, designed and implemented a complete chessboard in Java, incorporating all standard rules including advanced mechanics like pawn promotion.
- Developed and fine-tuned logic for each chess piece, ensuring an accurate representation of traditional chess gameplay
- Conducted extensive J-unit testing to validate the functionality and movement of chess pieces, achieving 80% coverage and ensuring robust game performance

LEADERSHIP

GENESYS WORKS Minneapolis, MN

Summer Fellow June 2022 – Aug 2022

- Acquired valuable technology skills, including proficiency in Excel and Office applications.
- Demonstrated ability to create comprehensive weekly status reports for effective project tracking.
- Successfully obtained Excel certification, establishing readiness for internship and further professional development.

ACHIEVEMENTS

Achievements – Walin Scholar, Gret Ready Scholar, Genesys Work Alumni