Daanish Hindustani

▪ daanishhindustani@yahoo.com ▪ 612-669-4342 ▪ www.linkedin.com/in/daanish-h-b504741ab
▪ https://github.com/Daanish-Hindustani ▪ https://medium.com/@daanish12069

EDUCATION

Bachelor of Science, Computer Science   **University of Minnesota, Twin Cities**
College of Science and Engineering   *Graduation: June 2026*
- Major: Computer Science
- GPA: 4.00 / 4.00

PROJECT EXPERIENCE

Diagnosing Tuberculosis Using SqueezeNet   Group Research Project
Machine/Deep Learning   *Fall Semester, 2023*
- Implementing SqueezeNet architecture to classify Tuberculosis from 4,000 Xrays.
- Collaborated with professors to build an efficient model.
- Achieved 83% Testing accuracy and 83% training accuracy.

Detecting Alzheimer's Using ResNet-50   Independent Research
Machine/Deep Learning   *Fall Semester, 2023*
- Utilized ResNet-50 architecture to diagnose Alzheimer's from 100,000 MRI scans.
- Applied CNN compression techniques to optimize computational speed.
- Achieved 83% testing accuracy and 98% training accuracy.

Detecting And Diagnosing Brain Tumors Using CNNs   Independent Research
Machine/Deep Learning   *Fall Semester, 2023*
- Constructed a CNN model utilizing TensorFlow to diagnose tumors from 200,000 MRI scans.
- Conducted data cleaning and preprocessing to maximize accuracy and efficiency.
- Achieved 85% testing accuracy and 99% training accuracy.

RELEVANT EXPERIENCE

ML Research Assistant, University Of Minnesota   *Sept 2023 – Present*
- Assisted Ph.D. students in developing a GANS model that generates muon particle images.
- Developed strategies to improve the efficiency of the discriminator model.

Marketing Intern, Breakthru, NewYork   *Jun 2023 – Aug 2023*
- Collaborated with the CEO to execute marketing strategies targeting the Gen Z audience.
- Assisted in creating a client-scholarship scout interface and a user-friendly messaging platform.
- Achieved a remarkable 20% surge in app downloads.

LEADERSHIP EXPERIENCE

Machine Learning Workshop Lecturer, UMN   *Sept 2023 – Ongoing*
- Engaging with diverse groups of learners, fostering a collaborative learning environment, and tailoring content to accommodate various skill levels and backgrounds.

SKILLS/ CERTIFICATES

Technical Skills: Python, Swift, Java, Tensor, HTML/CSS, JavaScript, Discreet Math, Stats, ML, CNN, ANN, DL, Calculus, FireBase, SqueezeNet, ResNet, Algorithms, Linear Algebra

AWARDS/ INTERESTS

Commencement Speaker, AI Club, Iron Range Academic Scholarship