

Sereen Hussain Baageel

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SUMMARY

A highly motivated computer science graduate with a strong interest in artificial intelligence, deep learning, and UI/UX design. Experienced in developing intelligent models and designing intuitive, user-focused interfaces. Adept at combining technical skills with creative thinking to solve real-world problems. Motivated, collaborative, and committed to continuous learning and innovation.

EDUCATION

King Abdulaziz University, Jeddah, Saudi Arabia *June 2025*
Faculty of Computing and Information Technology – Bachelor of Science in Computer Science

- GPA:** 4.99/5.00
- Awarded **Certificate of Excellence in Computer Science** for all academic years

EXPERIENCE

Saudi Aramco – Saudi Accelerated Innovation Lab (SAIL) *Summer 2024*
D&IT Strategy and Investment Department Intern | Dhahran

- Automated Excel data processing with UiPath, reducing manual workload
- Built a responsive web dashboard to support innovation initiatives at Aramco’s SAIL Lab

ACADEMIC PROJECTS

Muttajeh – AI-Powered Stock Forecasting Platform *2024 – Present*
Senior Project | Group Leader

- Led the design and implementation of a multimodal AI system to forecast Saudi stock market trends, leveraging deep learning and large language models (LLMs) to analyze real-time financial data, news sentiment, and social media signals.

FloraWise – Plant Information Website *Feb 2025*
Course Project

- Developed a responsive frontend website tailored for plant enthusiasts using HTML, CSS, and JavaScript. Focused on UI/UX principles and user-centered design; prototyped with Figma.

Chest X-Ray Pneumonia Detection *Aug 2024*
Course Project

- Developed a CNN-based model for pneumonia detection and segmentation in chest X-rays, utilizing SIFT and LBP feature extraction techniques and achieving up to **99.8% accuracy** in binary classification.

HackIt – Hackathon Database Management System *Sep 2023*
Course Project

- Designed and implemented a MySQL-based database system to manage the hackathon registration process, including tracking sponsors, judges, and participants, and supporting team formation.

CERTIFICATIONS & COURSES

- Introduction to Artificial Intelligence** – KAUST Academy
- Mathematics for Machine Learning and Data Science** – DeepLearning.AI (Coursera)

EXTRACURRICULAR ACTIVITIES

Graphic Designer – Programming Club, King Abdulaziz University *Sep 2022 – Sep 2023*
Graphic Designer – AI Club, King Abdulaziz University *Sep 2023 – Oct 2024*
Designed workshop presentations, promotional materials, and event posters to support club activities

SKILLS

- Programming Languages & Tools:** Python, Java, HTML, CSS, JavaScript, Git, Fast API
- Database Management:** MySQL, SQLite
- Machine Learning & AI:** Machine Learning (ML), Deep Learning (DL), Natural Language Processing (NLP)
- UI/UX Design:** Figma, Framer, Webflow, Prototyping User-Centered Design Principles
- Project Management Methodologies:** Agile, Waterfall
- Productivity Tools:** Microsoft Office (Word, Excel, PowerPoint)
- Soft Skills:** Results-Oriented, Problem-Solving, Team Collaboration, Communication, Time Management, Technical Writing, Adaptability
- Languages:** Arabic, English