

# Shahad Al-Mutairi

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## PROFILE

Motivated Computer Science senior with a strong passion for Data Science, Artificial Intelligence (AI), Machine Learning, and NLP. Dedicated to continuous learning and thriving in innovation-driven environments. Excited to contribute to impactful projects that shape the future of technology.

## EDUCATION

### Bachelor in Computer Science

Imam Muhammad Ibn Saud Islamic University

GPA: 4.57/5, Second Honor

Relevant Coursework: Natural Language Processing, Machine Learning, Artificial Intelligence, Web Applications Development, Software Engineering, Analysis and Design of Algorithms, Data Structures, Distributed Systems.

05/2025

Riyadh, Saudi Arabia

## VOLUNTEERING EXPERIENCE

### Vice President, Developers Committee

12/2023 – 09/2024

Google Club for Developers, Imam Muhammad Ibn Saud Islamic University

- Led a team of 10+ members, coordinating efforts across projects and ensuring timely execution of events.

### Web Developer

11/2023 – 09/2024

Google Club for Developers, Imam Muhammad Ibn Saud Islamic University

- Designed, developed, and maintained 5+ interactive websites for club activities, delivering an improved user experience to a community of over 500 students

## AWARDS & ACHIEVEMENTS

### Participant, ALLaM Challenge: Saudi Data & AI Authority (SDAIA)

09/2024

- Developed Abjjad, a personalized children's assistant that teaches Arabic letters through interest-based stories. Implemented prompt engineering for engaging learning experiences, achieving 86% accuracy in key quality criteria.

### Outstanding Member Award: Google Developer Student Club (GDSC)

04/2024

- Recognized for exceptional contributions and commitment to the GDSC community.

### Participant, Human Capital Hackathon: Emdad AlKhebrat

12/2023

- Developed *Antaqi*, an AI-powered recruitment platform designed to streamline candidate screening, significantly reducing screening time.

## PROJECTS

### DeepEye: Diabetic Retinopathy Detection with ViT and CNNs

08/2024 – 02/2025

- Developed a deep learning model combining Vision Transformers and CNNs to assist in the early diagnosis of diabetic retinopathy, helping healthcare providers identify potential vision issues in diabetic patients.

### Nasif: Arabic Text Classification and Summarization with AraBART and BERT

10/2024

- Developed *Nasif*, an NLP model with AraBART and BERT, achieving 92% F1-score in Arabic text classification and summarization by leveraging advanced preprocessing, fine-tuning, and optimized feature extraction to enhance performance.

### Sentiment Analysis Website for Tweets

02/2023

- Built a sentiment analysis website classifying over 1.6M tweets as positive or negative, reaching 88% accuracy in real-time classification.

### Darb Web Application

12/2022

- Designed a campus navigation platform to streamline movement for 5,000+ users and reduce navigation time by 30%.

## CERTIFICATES

- Building Intelligent Applications using AI and ML. MCIT

- Data Visualization using PowerBI. MCIT

- Python for Data Science, AI & Development. IBM

- Tools for Data Science. IBM

## SKILLS

- **Technical Skills:** Python, Java, JavaScript, HTML, CSS, Flask, SQL, MongoDB, Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Matplotlib, Seaborn, Jupyter Notebooks, PowerBI  
- **Soft Skills:** Problem-solving, Communication, Teamwork, Leadership, Time Management

## LANGUAGES

Arabic — Native/Bilingual

English — Fluent