

Abdalmohsen Abanmy

Software Engineer

📍 Riyadh, Saudi Arabia

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🌐 [Website](#)

Software Engineer experienced in the full software development life cycle with a strong interest in AI and automation, eager to expand my skills across diverse fields and to contribute to innovative projects that enable me to deliver highly effective solutions.

Education

Bachelor of Science in Software Engineering,

King Fahd University of Petroleum and Minerals

August 2019 – June 2024

Dhahran, Saudi Arabia

GPA: **3.58/4** with **2nd** Class Honors

Major Concentration in Artificial Intelligence & Machine Learning

August 2023 – June 2024

Experience

ML Intern, *Hudhud Systems* [🌐](#)

June 2023 – August 2023

Riyadh, Saudi Arabia

- Streamlined data labeling process using a Flask website.
- Used Gensim's FastText model to vectorize and store documents.
- Utilized various Hugging Face LLMs for Arabic text classification.

Awards

2nd Place in KFUPM Innovation

Hackathon, Computer Club

February 2023

Projects

WikiProduct [🌐](#)

Lead a team to develop WikiProduct, A digital warehouse for a wide range of online products, supplemented with an AI assistant to help users.

Aerial Building Segmentation

Developed ABS Model, a Computer Vision model designed to segment buildings from satellite imagery (Google maps view) in order to count buildings/households in a landscape.

ScheduleIt [🌐](#)

A polling platform designed to streamline date scheduling based on guests' individual availability.

3D Expression Visualiser [🌐](#)

Developed a website to visualize any expression, especially trigonometric functions, with animation by using THREE.js

CarGAN [🌐](#)

An API that generates car images by using Generative Adversarial Networks (GAN) Model.

Skills

- Languages: Python | Java | JavaScript
- Deep Learning: PyTorch | Keras | W&B | Transformers
- Data Science: Pandas | Matplotlib
- Cloud Services: AWS | Railway
- Version Control: Github
- Virtualization: Docker | VirtualBox
- Backend: Django | Flask | PostgreSQL | Chroma DB | REST APIs

Soft Skills

Problem Solving • Versatility • Communication • Teamwork

Languages

Arabic • English