Abdulla Shahzan

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PROJECTS

- **Sophisticated E-commerce web application** (Payment gateways, Google firebase, Authentication, **RESTful APIs**, **Cloud Computing**, MySQL, **Bootstrap**, JS, **Cross-platform compatibility**, UI/UX)
- **Crowd detection and management system** (TensorFlow, Cloud Computing, **ESP32**, Computer Vision)
- **Adaptive learning platform** (Django, APIs, **LLMs**, MySQL)
- **AI for mineral processing and exploration** (TensorFlow, **Data Analysis**)
- Others: **Hand Tracking**, **NLP** **Chatbot**, **Face detection**, **Speech recognition**, python **GUI**, **DFS-BFS algorithm**, **Socket programming** (**client-server** architecture), **Regression** and **classification** models, **Image classification model**

WORK EXPERIENCE

Google Developer Student Clubs (GDSC)   Sep. 2023 – Jul. 2024
Core Member   *King Khalid University, Abha*

- Organized workshops on **AI with PyTorch and TensorFlow** (Data analysis, cloud computing)**, Full stack web development** with **Django framework** (Python, SQL, JS, HTML, CSS, Bootstrap, PaaS & SaaS, Linux, Bash, debugging, error handling)
- Held coding events, **provided mentorship** and **technical guidance** to participants.
- **Collaborated with Google professionals and industry experts** to deliver insightful sessions on emerging trends, bridging the gap between academia and the tech industry.

Artificial Intelligence Club   Feb. 2023 – Present
Trainer   *King Khalid University, Abha*

- **Managed and coordinated club operations**, including organizing AI-focused workshops, guest lectures, and hackathons to enhance student engagement and learning.
- **Supervised project teams, curated resources and learning tracks and provided technical support**, enabling members to develop and deploy AI models for real-world applications.

EDUCATION

King Khalid University   Sep. 2022 - Present
Degree (Bachelor of Science), Majors (Computer Engineering)   *Abha, Saudi Arabia*

- **GPA: 4.84/5.0** - current 6th semester GPA
- Relevant academic coursework: **Assembly language** , Graphical programming (**Matlab**), Microprocessors (**Microsoft x8086 architecture, VHDL**) and Embedded Systems (**Arduino programming**), Mathematics (**Calculus, Engineering Mathematics, Linear Algebra**)
- Dean's List; Volunteer; Academic Assistant (Informal);

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** IBM Applied Data Science – IBM Data Analysis and Data Visualization – FreeCodeCamp Scientific Computing with Python
- **Skills:** Django; Python; Data Analysis; RESTful APIs; Git; Cloud Computing; Visual Studio Code; Natural Language Processing (NLP); Computer Vision; JavaScript; MySQL; HTML; CSS; Bootstrap; TensorFlow; PyTorch; Scikit-learn; Machine Learning; Json; Git; DevOps; Sublime Text; Google Firebase; UI/UX Design; Debugging; Optimization; Automation; Project Management; Technical Documentation; Kali Linux; Bash; Scripting; C++; C; VHDL; Assembly language; Neural Networks; Libraries;
- **Interests:** Basketball; GitHub; Cultures and Languages;