

Abdullah Chandio

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EDUCATION

Mehran University of Engineering & Technology, B.S. in Computer Science

- **GPA:** 2.97
- **Relevant Coursework:** Data Structure and Algorithms, Artificial Intelligence, Database, Application Development, Software Design and Development, Web Technologies, Data Science

PROJECTS

Diabetes Detection using Logistic Regression

- Managed entire project: data preprocessing, model development, evaluation
- Successfully implemented Logistic Regression for accurate diabetes detection

Cyberbullying Detection using Machine Learning:

- Collaborated on applying machine learning techniques for cyberbullying detection
- Contributed significantly to project success in proactive detection

Basic Image Classification with TensorFlow

- Lead Developer: Designed and implemented image classification system
- Developed and fine-tuned CNN model, achieving high accuracy

3D Contour Visualization using Python

- Project Developer: Developed a comprehensive 3D contour visualization tool using Python.
- Core Implementation: Utilized libraries such as Matplotlib and NumPy to create interactive and detailed 3D contour plots for data analysis and visualization.

Calculator App using Streamlit

- Project Lead: Designed and implemented a user-friendly calculator app using Streamlit.
- Developed Key Features: Added basic arithmetic operations, a clear function, and an interactive user interface for seamless user experience.

Text to Speech Converter using pyttsx3

- Lead Developer: Created a text to speech conversion tool leveraging the pyttsx3 library.
- Implemented Core Functionality: Enabled accurate and natural-sounding speech output from text input, enhancing accessibility.

PROFESSIONAL DEVELOPMENT

Machine Learning Pipelines with Azure ML Studio (Coursera, Dec 2023)

Build Your First Machine Learning Pipeline Using Dataiku (Coursera, Jan 2024)

Introduction to Project Management (IBM, Mar 2024)

Introduction to Image Generation (Google, June 2024)

Introduction to Large Language Models (Google, June 2024)

Create Image Captioning Models (Google, June 2024)

Introduction to Responsible AI (Google, June 2024)

Attention Mechanism (Google, June 2024)

Introduction to Generative AI (Google, July 2024)

Transformer Models and BERT Model (Google, July 2024)

Introduction to Vertex AI Studio (Google, July 2024)

SKILLS: JavaScript, Python, Streamlit, Machine Learning, Machine Learning Pipelines, TensorFlow, Azure ML Studios, Logistic Regression, Data Preprocessing, Data Extraction, Data Evaluation, Model Development, Data Training, Image Classification, CNN, NLP, Neural Networks, LLMs, Gen AI, Project Management, Team Contribution, Communication skills, Leadership skills.