

SYED SYBTAIN

Computer Engineer | Python Backend Developer

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🔄 SyedSybtain

ABOUT ME

I am Computer Engineer Graduated from Comsats University Islamabad. I have passion in AI, NLP, GenAI, Computer Vision and Python Development. This Passion leads me to do projects in these domains to learn advanced techniques and contribute in projects for the benefits of Society.

EDUCATION

BS Computer Engineering | Comsats University Islamabad

📅 Aug 2019 – July 2023

PROJECTS

• FYP - AUTOMATIC VEHICLE CHECK-IN CHECK-OUT USING IOT AND DEEP LEARNING

This was my FYP Project to develop a smart system for Campus vehicles entering at the gate. Using IoT we limit the functionality of Camera and then deploy YOLOv7 model on Raspberry Pi to detect Vehicle Type, License Plate and Individual License Characters and Store results for Logging.

• ANCIENT ROMAN COIN CLASSIFICATION USING DEEP LEARNING

Trained and Analyze the Performance of Yolov3, Yolov4, Yolov5, Yolov7 and Yolov8 for Classification of Roman Coins. I Contributed with Training and Fine Tuning of Different Model Versions and Sizes.

• REMOTE FIRE AND SMOKE DETECTION

Developed a Real-Time Yolov5 model of different sizes to detect the smoke and fire for remote safety application.

SKILLS & INTERESTS

- **Languages** : Python, JavaScript, Matlab, PostgreSQL, C/C++, Assembly, VHDL
- **FrameWorks** : DJANGO, ReactJS, Langchain, Pytorch, TensorFlow, Pandas, Scikit-Learn, OpenCV
- **Tech-Stack** : Git/Github, Docker, AWS, DJANGO, DRF, Raspberry Pi, Integrating APIs
- **Interests** : AI, ML, 3D Web Dev, GenAI, NLP, Computer Vision, IoT, LLM's, Fine Tuning AI Models

EXPERIENCE

ML Internee | TechSol

📅 09 2023 – 05 2024 | 8 months

📍 Peshawar, KPK

Computer Vision Developer | DataVision Pvt Ltd

📅 05 2024 – 10 2024 | 6 months

📍 Lahore, Punjab

ACHIEVEMENTS

- FYP Fully Funded By Ignite - National Technology Fund
- FYP Presented for PEC Engineering Expo 2024