Muhammad Waleed Javed

Bahawalpur, Pakistan ✉ waleedgeeky@gmail.com 📞 03036897343
in linkedin: waleedJaved ⓖ Git: WaleedJaved Ⓜ Hashnode: WaleedJaved

Skills

Python • Data Preprocessing • Image Augmentation • TensorFlow • SQL Server
Model Deployment • ASP.NET • C# • Git

Certificates

Mathematics for Machine Learning ⧉
Issued By: Imperial College London

Neural Networks and Deep Learning ⧉
Issued By: DeepLearning.ai

Improving Deep NN: Hyperparameter tuning, Regularization and Optimization ⧉
Issued By: DeepLearning.ai

Professional Experience

Machine Learning Engineer (Virtual Internship) 2020 – 2021
SPARKS GRIP Foundation

Hands-on experience with building Machine Learning Projects using technologies such as SK.Learn, Keras, OpenCV.
other work include Model optimization, parametric tuning, and Model Deployment. Created a total of 5 real word Projects.

Machine Learning Freelancer 2020 – 2020
Upwork

I have worked on many projects of machine learning and deep learning which includes classification,
regression, and clustering. I am currently
working on many machine-learning projects that includes image classification, object detection, image
enhancement and many others. The main services I am offering to clients are regarding image Classification using deep learning with addition of API using flask.

Skills and Projects

Congestive Heart Failure Detection Using Machine Learning
Final Year Project

Developed a portable live-ECG device (one of its kind) to monitor Patients using Arduino microprocessors.
Alex Net trained on 65000+ Time series data using transfer learning with a 98% validation accuracy.
- Patient can monitor ECG records in real-time paired with android app.

House Price Prediction using Machine Learning
Personal Project

Prediction Prices for buying a house using Linear-regression on a House Data-set.
House prices will be predicted by using the below features of a house:
Year Built, Total Basement in Sq. Ft., Lot Area, Floor Area, Overall condition, Lot Frontage, Garage details, Detail about fireplace, etc.

MNIST Handwriting Classification using Machine Learning
Personal Project

Prediction Value based on Handwriting using Machine Learning. The MNIST dataset is an acronym that stands for the Modified National Institute of Standards and Technology dataset. It is a dataset of 60,000 small square 28×28 pixel grayscale images of handwritten single digits between 0 and 9.

Education

Bs Computer Science   09-2017 – 06-2021
Comsats University Islamabad, Abbottabad
Campus

CGPA: 3.56 (A+)
Courses:
• Data Structures • Machine Learning • Operating System • DS & Algo Analysis
• Multivariable Calculus • Discreet Mathematics
• Statistics and Probability Theory • Senior Design Project

Awards

PEEF Scholarship
Punjab Govt.

Articles

Getting Started with Operating System ↗
Hashnode.com