



Ehtisham Fazal

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WORK EXPERIENCE

EITACIES INC

Feb 2022 — june 2022

Cloud Security Analyst

CLIENT : Palo Alto Networks

- Discover the new SaaS applications based on the given categories
- Develop BU signatures for the SaaS applications
- Develop GC signatures for the SaaS applications
- Working with Beautiful Soup & Selenium for Web-Scarping .
- Working on API integrations with multiple websites using Python and Postman.
- Working with Wireshark & Fiddler for network traffic analysis.
- Working with Python libraries for decryption of SSL traffic and automated network log analysis.
- Working with Developer tools & Debugger for analysis of API and JS calls.
- Working on quality assurance and quality improvement on data sheets via Python scripting
- Automate the URL detection patterns.
- Find security attributes for SaaS applications.
- Enforce content and context-based policies upon users while having deep visibility into user activities.
- Monitor the accessed application's risk score calculated through the Eitacies application research.
- Identify high-risk cloud applications being used in the organization and generate reports with detailed security and compliance issues of the application.

PAF KIET

Nov 2021 — june 2022

AI Researcher

- worked on NCBC HETROCLOUD PROJECT
- Face Recognition System using Machine learning and Deep learning Models
- Back end development of ML and DL models for Frontal face detection

cloudee.ai

March 2021 — Jan2022

Machine Learning Engineer

- Machine learning model for Attendance system using facial expression recognition
- Deep learning model for Fraud detection system using Human speech emotion recognition
- Automatic quiz checker using Artificial neural network for Hand written character recognition system
- Researched and secured Web-based SaaS applications using network packet capture (.pcap) analysis for event monitoring and detection.
- Automate the URL detection patterns using python
- Generate Test Data using Python Faker for QA testing of SAAS apps
- QA testing of web apps using selenium web driver using python language
- Find security attributes for SaaS applications
- Enforce content and context-based policies upon users while having deep visibility into

user activities

- Identify high-risk cloud applications being used in the organization and generate reports with detailed security and compliance issues of the application

cloudee.ai

Jan 2021 — March 2021

Digital signal processing intern

- AI based project task
- worked on computer vision project
- SaaS applications Data capturing HTTP, Request, Response ,host using fiddler software
- Research work related to different apps features

EDUCATION

MS Electronics

Jan 2021 — Present

PAF KIET

- Major in Artificial intelligence
- Major subjects Applied Machine Learning , Artificial Neural Networks, Pattern Classification

BE AVIONICS

Jan 2017 — Dec 2020

PAF-KIET

- Silver Medalist

Machine Learning

June 2020 — Aug 2020

Stanford University

- study through online platform Courseera and score 96/100
- Learn ML models Regression ,Regularization techniques, K-means clustering, SVM, PCA etc
- performance matrix, underfitting , overfitting countermeasures techniques

Neural Networks and Deep Learning

Aug 2020 — oct 2020

DeepLearning.AI

- study through online platform Courseera score 97/100
- concepts of Artificial Neural networks
- Convolutional Neural Networks ,Radial Basis Function Networks, Autoencoders etc.

Higher school certificate

July 2014 — June 2016

Meritorious Science College

- group (pre engineering)
- major subject physics, mathematics and chemistry

Secondary school certificate

March 2012 — April 2014

Quaid Public School

- Group (science)
- major subject physics, biology, mathematics and chemistry

Python Crash Course

Aug 2021 — Sep 2021

Google

- Basic concepts of python programming

PROJECTS

- Automatic License Number Plate Recognition System
- CNN for Image Colorization using Deep Transfer Learning
- Deep Learning Project for Text Detection in Images using Python
- Handwriting Recognition using Machine learning model
- House Price Prediction using conventional machine learning model
- MNIST Handwritten Digit Classification using deep learning model
- Robust NLP-based ChatBot system

SOFTWARE SKILLS

- Selenium Web driver
- MATLAB
- Dev c
- MS OFFICE
- SOLIDWORKS
- ADS
- MULTISIM
- Power BI
- Graphic plotter
- FIDDLER
- WIRE SHARK

ACHIEVEMENTS

- Got Silver Medal in Bachelors of Engineering Degree
- Achieved two college honor badge Awards.
- Achieved 1 dean badge award.
- participated in GIKI university 'Design build and fly competition' 2018 as team Aviators.
- participated in SUPARCO 'university project competition and demonstration 2019' for project multipurpose fast aerobatic UAV.
- Runner up in FAST university DAIRA 2019 'project exhibition competition'.
- participated in PAF KIET university 'RC Aircraft Workshop 2017'.
- participated in PAF KIET university SEE 17 'circuit designing competition'.
- participated in PAF KIET university SEE 17 'Avionics competition'.
- participated in Muhammad Ali Jinnah university Sparcom 2018' Buzz quiz competition.
- participated in PAF KIET university GEAR 19 'clash of glider competition'.
- participated in SUPARCO 'university project competition and demonstration 2019' for project UAV design with analytical and CFD simulations.
- competition Head in PAF KIET university National flying competition.

LANGUAGES

- ENGLISH
- URDU

INTERESTS

- Artificial Intelligence
- Machine Learning
- QA automation testing
- computer vision
- Natural Language Processing
- programming
- Reading
- content writing

REFERENCES

References available upon request.

