keerthivasan

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Profile

Driven and motivated individual seeking knowledge and real-world experience in Python Programming and Digital Electronics. Offers strong dedication to work and dependability to make valuable contributions to the workspace.

Skills

Python Programming
Using Python to Interact with Operating System, Troubleshooting and Debugging Techniques and Automating Real-World Tasks with Python

Electronics Design Automation
Xilinx, Tanner, Proteus and Keil uVision5

Linux
Bash Scripting and System Log parsing

Version Control System
Git and GitHub

Machine Learning
Deep Learning and Computer Vision

Other
Puppet Configuration Management System tool and Google Cloud Services.

Education

**Bachelor of Technology (Hons.)
Electronics and Communication Engineering,**
Lovely Professional University ↗
2019 – 2023 | Phagwara, India
with 7.64*CGPA

XII, *Pinnaacle Classes* ↗
2018 – 2019 | TamilNadu, India
with 7.34 CGPA

X, *Narayana Group of Schools* ↗
2016 – 2017 | Nellore, India
with 8.8 CGPA

Projects

Log Analysis Using Regular Expressions,
Automation Tasks with Python ↗
Generating reports on the ranking of errors generated by the system and the user usage statistics for the service. Converting csv to tabulation html file.

Attendance System Face Recognition,
with Deep Learning and Machine Learning ↗

Constructing Neural Networks and Biasing the Weights to meet the accuracy 96.9% using Caffe network Embedding and Support Vector Machine.

Courses

Google IT Automation with Python Professional Certificate, *coursera* ↗
01/2022 – present
Using Python to automate common system administration tasks. A good hand at managing Git and GitHub repo, troubleshoot and debug complex problems, and apply automation at scale by using configuration management and the Cloud.

Blockchain Specialization, *coursera* ↗
02/2022 – present
Understanding and working knowledge of foundational blockchain concepts, understanding and working knowledge of foundational blockchain concepts, developing decentralized applications on the blockchain and sussing out ongoing specific industry-wide blockchain frameworks.

Languages

English
adept

Tamil
Native

Telugu
lived for 24 months in Nellore

Professional Experience

Internship on Machine Learning
06/2022 – present
Deploying Machine Learning Model using Optimal Solutions such as Linear regression, Logistic regression, Decision tree, SVM algorithm and Random forest algorithm.

Internship on Artificial Intelligence
04/2022 – 07/2022
Developed Python Scripts for Face Recognition, Real-time Object Tracking and Emotion Recognition using Computer Vision.