Sashank Rijal

ML Developer | Analyst

Driven, Reliable, Versatile, Inovative

✉ rijalsashank.11@gmail.com   📱 +918250671306   📍 Biratnagar, Nepal   ⊙ github.com/Sashank11

EDUCATION

B.Tech Computer Science and Engineering
Vellore Institute of Technology
07/2019 - Present   *CGPA: 8.67/10*

Amazon Web Services Training
Amazon
06/2021 - 08/2021   *797/1000*

Higher Secondary School NEB - XI & XII
Everest Higher Secondary School
04/2017 - 04/2019   *CGPA : 3.44/4*

Secondary School SEE -X
Delhi Public School Biratnagar
02/2013 - 02/2017   *CGPA: 3.30/4*

PERSONAL PROJECTS

BRAIN TUMOR RECOGNITION WITH MRI VIA DEEP LEARNING
- Multiclass classification of different types of brain tumor using custom convolutional neural network.
- Comparison of the CNN with other models generated via transfer learning like ResNet 50, Inception v3, and Mobile Net v2.
- Models achieved accuracy of 92, 98, 98, 93 percent respectively, Data initially was pre processed and augmented for efficient training and data generation.

AI-BASED SMART ATTENDANCE SYSTEM WITH ANTI-SPOOFING
- Able to register and detect presence of student/employee with webcam and mark their attendance in the database.
- Liveness detection model to validate an individual's identity and counter spoofing.
- Use of Support Vector Machine Algorithms for training datasets and alert features for spoofing detection and report.

FIND YOUR WAY
- An application developed for making flight bookings and packages.
- Contains holiday and trip planner packages and searches for the result based on the user's choice.
- Contains Incident Map which shows incidents all over the world visually with help of mapbox API.

WORK EXPERIENCE

Talent Organizer
Everest School
03/2017 - 05/2018
Achievements/Tasks
- Organized Teams and individuals to conduct seminars and projects related to science and tech.
- log all data in school's server periodically.

SKILLS

Python Tensor Flow Data Analysis
Java Scikit Learn Pandas Numpy
Matplotlib Keras API Transfer Learning
Convolution Neural Networks AWS C++
HTML CSS JavaScript PHP

ACHIEVEMENTS

2x Hackerrank certifications

5x DataCamp certifications
Includes : Data Manipulation with pandas, Advanced Deep learning with keras

6x Coursera certifications

1x AWS certification
https://github.com/Sashank11/Achievements

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

Nepali
Native or Bilingual Proficiency

INTERESTS

ML & AI Deep learning Latest Tech
Software Development Cloud Computing
Web Dev BlockChain Fin Tech
Basketball Football