Kesavan R

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Technical Skills: Java, Python, Computer Vision, NLP and Cloud Computing.

Courses:

- AWS Certified Cloud Practitioner, Feb 23 – Feb 26.
- Applied Machine Learning by python, Coursera, Nov 21.
- Natural Language Processing with Classification and Vector Spaces, Coursera, Dec 22
- Natural Language Processing with Probabilistic Models, Coursera, Jan 23

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
Integrated MTech CSE with AI and ML	Jul 19 – Ongoing	VIT Bhopal University	8.42/10
Class XII	Apr 19	Karaikudi Maharishi Vidya Mandir Matric Higher Secondary School	65.16%
Class X	Apr 17	St. Sebastiar Matriculation School, Meyyapuram	84.16%

ACADEMIC PROJECTS

Data Analytics and NLP	▪ **Tamil Grammar Checker** (Nov 22 - Jan 23)**:** - Description: A model for detecting and correcting grammatical errors on natural language text in Tamil. - Language: Python - Team Project: 2 members - Role: Model Building and Cloud Deployment - Link: https://tgc-v1.el.r.appspot.com
Deep Learning and Natural Language Processing	▪ **Image Caption Generator Application** (May 21 - Jul 21)**:** - Description: A Web App to generate caption for Images. VGG-16 Model is used to encode the images and extracting features and LSTM's will be used for training and generating captions. - Language: Python, HTML, CSS and JavaScript. - Team Project: 4 members - Role: CNN Model and Flask Application Building. - Link: https://github.com/Kesavan-Raman/Image-Caption-generator-application
Artificial Intelligence and Deep Learning	▪ **Dynamic Hand Gesture Recognition and System Control Using Deep Learning** (Oct 19 - Feb 2020)**:** - Description: By using the concept of computer vision and with the help of OpenCV, TensorFlow, with some other libraries we did this, By using this we can control our computer by using just gestures. - Team Project: 4 members - Role: model building - Link: https://github.com/Kesavan-Raman/Dynamic-Hand-Gesture-Recognition-using-Neural-Network

INTERNSHIP EXPERIENCE

ABCOM Information Systems Pvt. Ltd. (Sep 21 - Dec 21)	▪ **Artificial Neural Network Intern:** - Worked on a Clustering Algorithms. And also helped them in writing their book for publishing. All of these works are reported to **Dr. Poorna Chandra Sarang**
Madras Scientific Research Foundation (Sep 21 - Nov 21)	▪ **Machine Learning Intern:** - Implemented machine learning and deep learning algorithms. Prepared & analyzed data and identifying patterns, also received a Recommendation letter from them.

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	▪ I got a Recommendation letter from the **MSFR** for my outstanding performance in Internship.
Responsibilities	▪ Core Member and Stall Head, HarvFest (University -Cultural Festival), ▪ Member, Bit by Bit Club, VIT Bhopal University, Apr 22.
Extracurricular	▪ Participating in AI Community Challenges in Kaggle, Dockship and Hacktoberfest.

ADDITIONAL INFORMATION

Hobbies	▪ Reading Native Tamil Novel and Cultural Books, Playing Piano.
Languages	▪ English, Hindi, Tamil.