

Avinash R

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EDUCATION

Mepco Schlenk Engineering College <i>Bachelor of Engineering in Computer Science - 8.82 CGPA</i>	Sivakasi, Tamil Nadu 2019 – 2023
TVS Matriculation Higher Secondary School (Matriculation) <i>Higher Secondary School - 87.67%</i>	Madurai, Tamil Nadu 2017 – 2019
M.K.R. Ayya Nadar Jeyalakshmi Ammal English Medium School (ICSE) <i>High School - 89.33%</i>	Madurai, Tamil Nadu

EXPERIENCE

Data Science Intern - DeepSphere.AI	January 2022 – July 2022
<ul style="list-style-type: none">Worked on a time series data to analyze its stationarity and to transform non-stationary data to stationary to ease forecasting.Worked on conversational AI that includes chat bots based on text, voice, and knowledge graph.	
Open Source Contribution	2021
<ul style="list-style-type: none">Open-source contributor in Hacktoberfest'21.Open-source contributor in Girl-script Winter of Code 21'	

ACHIEVEMENTS

Techno Innovate '21	September 2021
<ul style="list-style-type: none">Third Prize in Techno-Innovate'21 conducted in Mepco Schlenk Engineering College.Got a chance to meet-up with Angel Investors	
Hexaware Data Science Engineer Challenge	September 2021
<ul style="list-style-type: none">58th Rank Holder in Hexaware Data Science Engineer Challenge on TechGig.	

CERTIFICATIONS

- NPTEL course on Programming, Data Structures and Algorithms using Python with 86%, Sep-Nov 2020.
- NPTEL course on Data Analytics with Python with 71%, Jan-Apr 2022.
- Coursera Course on Machine Learning, July 2020.
- Coursera Course on Neural Networks and Deep Learning, May 2020.
- Coursera Course on AI for Everyone, July 2020.
- Coursera Course on Improving Deep Neural Networks, August 2020.
- Udemy Course on Machine Learning A-Z Masterclass, May 2021.

PROJECTS

Conversational AI	April 2022 – June 2022
<ul style="list-style-type: none">Chatbot that is based on text, voice, and knowledge graph – DeepSphere.AI.	
Stationarity Analysis and Stationary Transformation	Jan 2022 – Feb 2022
<ul style="list-style-type: none">Analyze time-series data for stationarity and to transform non-stationary data to stationary for predictive modelling – DeepSphere.AI.	
ANN Vs ANN + Feature Extraction Vs CNN	Nov 2021 – Dec 2021
<ul style="list-style-type: none">Comparison of ANN, ANN enhanced with feature extraction, and CNN on image classification On Homer-Bart Data.	
Accounts Manager	Oct 2020 – Nov 2020
<ul style="list-style-type: none">Desktop Application that is used to keep track of funds in all bank / wallet accounts in a single interface.	

TECHNICAL SKILLS

Skills: Data Visualization, Data Wrangling, Machine Learning, Deep Learning, Git
Languages: Python, C, C++, Java, SQL
Frameworks: Keras, Pytorch, Tensorflow
Developer Tools: Git, Jupyter Notebook, Google Colab, Kaggle Notebook, Spyder IDE, Sublime, VS Code, PyCharm, NetBeans
Libraries: Pandas, NumPy, Matplotlib, OpenCV, PyTorch, Sci-kit Learn, Plotly