Avinash R

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Education

Mepco Schlenk Engineering College — Sivakasi, Tamil Nadu
Bachelor of Engineering in Computer Science — *2019 – 2023*

TVS Matriculation Higher Secondary School (Matriculation) — Madurai, Tamil Nadu
Higher School — *2017 – 2019*

M.K.R. Ayya Nadar Jeyalakshmi Ammal English Medium School (ICSE) — Madurai, Tamil Nadu
High School

Experience

Data Science Intern — 2021 – Present
Ezovion — *Chennai, Tamil Nadu*

- Working on a team to convert paper based health record to digital data

Open Source Contributions — Present

- Contributions can be seen in my GitHub Profile

Achievements

Hexaware Data Science Engineer Challenge — August 2021 – August 2021

- 58th Rank Holder in Hexaware Data Science Engineer Challenge and is awarded for outstanding performance and exemplary contribution on TechGig.

Techno Innovate'21 — September 2021 – Present

- Eligible for Seed-Funding from Mepco Schlenk Engineering College
- Got selected to meet-up with Angel Investors.

Girlscript Winter Of Code'21 — June 2021 – Present

- Got selected as Open-Source contributor in GWOC'21 and contributed to more amazing open-sources.

Certifications

Elite+Silver — September 2020 –November 2020

- Certification in Programming, Data Structures and Algorithms using Python

Machine Learning — July 2020 –July 2020

- Coursera Course on Machine Learning

Neural Networks and Deep Learning — May 2020 –May 2020

- Coursera Course on Neural Networks and Deep Learning

Convolutional Neural Networks in Python: CNN Computer Vision — May 2021 –May 2021

- Udemy Course on Machine Learning

Projects

Fashion Generation | *OpenCV, Keras* — May 2021 – May 2021

- Generated new Fashion Items using GAN

Homer Vs. Bart Classification (CNN, ANN, Feature Extraction) | *OpenCV, Keras* — May 2021 – May 2021

- CNN, ANN, Feature Extraction, Transfer Learning to compare Image Classification
- https://github.com/avinash-218/Bart-Homer-Classification-CNN

Face Generation - GAN | *Pytorch* — September 2021 – September 2021

- Generated Faces using Generative Adversarial Network
- https://github.com/avinash-218/Face-Generation-GAN

Multi-Model Generation GAN | *Pytorch* — September 2021 – September 2021

- Generative Adversarial Network Can Create Images From Text (Using CLIP)
- https://github.com/avinash-218/Multimodel-Generation

Accounts Manager | *Java, Oracle* — June 2020 – June 2020

- Developed a desktop application using Java as backend and Oracle Database
- https://github.com/avinash-218/Accounts-Manager2

Technical Skills

Skills: Machine Learning, Deep Learning, Data Visualization, Data Cleansing, Data Modelling, Data Structures, Algorithms
Languages: Java, Python, C/C++, SQL (Oracle, MySql)
Frameworks: Keras, 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