Archana G S

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EXPERIENCE

Data Scientist — Wonder Chrome
(December 2021 - PRESENT)
- Handling (read,write,modify,conversion) different datafiles formats such as CSV, JSON
- Identify the trends and key metrics and generate dashboards using various data visualisation tools.
- Build predictive models and time series forecasting models using various machine learning tools
- Computer vision projects using PyTorch

Artificial Intelligence Engineer intern — Uniquify Inc
(August 2021 - October 2021)
- Tensorflow and neural network training
- Debugging the framework for automating neural network and tensorflow scripts
- Running experiments with the tensorflow scripts produced by the framework
- Manipulating data and neural network structure and specs to optimise accuracy in the neural networks
- Analyse the results from training the neural network models to better understand and improve the models and frameworks
- developing image processing and image segmentation algorithms

Data Scientist — Freelance (January 2019 - January 2021)
https://www.upwork.com/freelancers/~010f3758a004ea64dd?viewMode=1
- **Project 1**: Financial data analysis
  - Convert semistructured data to structured data
  - Cleaning , preprocessing and modelling the data
  - Time series sales forecasting
- **Project 2**: Data extraction and visualisation
  - Project was extracting data from SQL database
  - Create interactive dashboard using Dash and plotly
  - Predictive analysis

Data Analyst — Centriqe Inc (February 2020 - January 2021)
- Provide insights and proposals to support business improvement using analytical and technical expertise
- Build predictive models and forecasting models using various machine learning tools
- Actively engaged in the quantitative analysis of sophisticated models to address business issues
- Identify the trends and key metrics and generate dashboards using various data visualisation tools.

SKILLS

Languages : Python, R, Core Java

Deep learning and AI: TensorFlow, Keras, CNN, RNN

Machine Learning and Data Mining : Bayesian classifiers, Linear classifiers and regression, KNN, Decision trees, Ensemble learning, k-means clustering, Neural networks,Performance evaluation Hyperparameter tuning, Natural Language Processing

Data Analysis : Data manipulation techniques, Plotting and visualisation, Exploratory data analysis, Estimation techniques, Regression model, Classification model

Other : AWS, OpenCV, YOLO, VGG16, ResNet, Pandas, Numpy, Sklearn, Matplotlib,Elasticsearch, Logstash, Kibana, SQL, Dash, Plotly, Excel, Matlibplot, Excel, Seaborn, Tableau, Spacy, BeautifulSoup, MongoDB, pyspark

Educational Qualification
Master of Technology (**M. Tech**) in Electronics with specialisation in Signal processing **GPA : 4.0**
Bachelor of Technology (**B. Tech**) in Electronics and communication Engineering **GPA: 3.5**

Published paper
http://pnrsolution.org/Datacenter/Vol3/Isse2/140.pdf

Certification:
- Machine Learning & Data Science Bootcamp with R & Python
- Google Data Analytics:

(*https://coursera.org/share/74de5e5c898c8cfa9011ad835357787c*)

Work Eligibility: EAD (Employment Authorization Document)