Nihila Pallath

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Career Objective:

Data Scientist with a passion for using data to solve business problems. Seeking a position where I can use my skills in SQL, Excel, Python, and machine learning along with my engineering abilities to make a positive impact as a business analyst.

Education:

Indian Institute of technology, Madras, Tamil Nadu

  BS in Data science and Programming (2022 – In progress)

  CGPA: 9.51/10 (For a cumulative of 55 credit points)

APJ Abdul Kalam Technological University, Kerala

  Bachelor of technology in Aeronautical Engineering (2015 – 2019)

  CGPA: 7.02/10

MES HSS Mannarkkad, Palakkad, Kerala

  Higher Secondary Education – Computer Science (2013 – 2015)

  Percentage: 88.6 %

Technical Skills:

Data analysis, statistical modelling, Business data management and machine learning (Supervised and unsupervised)

Programming: Advanced SQL, Python (with NumPy, Pandas, Scikit-learn) & C++.

Data science: Advanced Excel, Python, Tableau, Kumu, Flourish & QGIS.

Design Software: Autodesk AutoCAD, Catia & Ansys Workbench.

Work Experience:

Freelancing tutor: Pear Deck Tutors, USA (2020 – In progress)

Trainee Junior Engineer: Agni Aerosport Adventures Academy, Bangalore, Karnataka (Sep – Dec 2019).

Academic Projects:

Design of Active Debris Removal System by Netting Mechanism: Overall design of a spacecraft, capable of removing space debris from low earth orbit, in terms of mass and cost and its Cad Modelling.

Drogue Parachute in Commercial Aircraft to Reduce Landing Distance: Design and mathematical modelling of the influence of Drogue parachute in commercial aircrafts like Boeing 787.