UNIVERSITA' DEGLI STUDI DI GENOVA

AREA RICERCA, TRASFERIMENTO TECNOLOGICO E TERZA MISSIONE
SERVIZIO RICERCA

D.R. n. 1583

IL RETTORE

- Visto il Decreto Rettorale n. 796 del 20/02/2023, con il quale è stato indetto il concorso, per titoli e colloquio, per il conferimento di n. 1 borsa di ricerca post-laurea di tipo starting della durata di 5 mesi, dell'importo di € 5.032,70 (cinquemilatrentadue/70), per lo svolgimento di una ricerca sul tema: "Efficient large-scale machine learning", presso il DIBRIS dell'Università degli Studi di Genova;

- Visto il Decreto Rettorale n. 1321 del 16/03/2023 con il quale è stata costituita la Commissione giudicatrice per il conferimento della suddetta borsa di ricerca;

- Visto il verbale della Commissione giudicatrice del concorso in parola, riunitasi in data 21/03/2023;

- Constatata la regolarità della procedura seguita;

DECRETA

Art. 1

Il candidato Dott.re Dandiboyina Shivakumar Venkatesh, unico candidato alla procedura, non essendo in possesso del requisito unico previsto dal bando per l'accesso al concorso, non è stato valutato dalla Commissione e la procedura risulta priva di candidato idoneo.
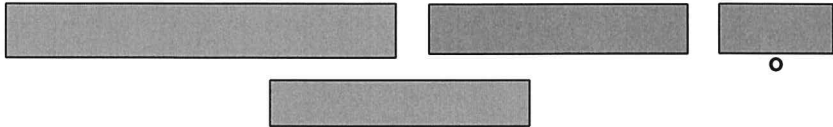
Genova, 03.04.2023

IL RETTORE

Firmato digitalmente da:
FEDERICO DELFINO
Università degli Studi di Genova
Firmato il: 28-03-2023 12:07:42
Seriale certificato: 818306
Valido dal 03-11-2020 al 03-11-2023

Responsabile del procedimento: Monica Buffa
Area Ricerca, Trasferimento Tecnologico e Terza Missione
Servizio Ricerca

VENKATESH DS
FULL STACK DATA SCIENTIST

OBJECTIVE

I am a highly skilled data scientist with over 3+ years of experience. I have strong analytical skills and the ability to apply statistical methods to extract insights from complex data. I've worked with a variety of data types and sources, including structured and unstructured data, and I'm fluent in programming languages like Python, R, and SQL. In addition, I am skilled in machine learning techniques and have used them in a variety of real-world applications.

MANAGEMENT SKILLS

- Management of relations with stakeholders
- Self-Motivated
- Organization and Time Management
- Planning and Coordination
- Analytical and Critical Thinking
- Decision Making
- Multitasking Abilities
- Project Management
- Attention to Detail

MACHINE LEARNING ENGINEER •STETHOS RESEARCH AND CONSULTING ,MARKET RESEARCH- MILAN• JAN 2023 TO PRESENT

Projects: Customer segmentation analysis using Unsupervised Machine Learning.

ENERGY ANALYST•JUNIOR DATA SCIENTIST •AXPO ITALIA SPA• MAY 2022 TO OCT 2022

Projects: Forecasting of Natural Gas in North-West-Europe by using Machine Learning and Deep Learning

- Data Mining: Information gathered from Energy Quantified and Reuters software.
- Extraction of Characteristics: Read and implemented various research papers on natural gas forecasting to incorporate certain aspects into my model.
- Created a Machine Learning Model to Predict Gas Consumption in North-West Europe
- This model assists traders in making sound decisions in the energy markets.
- Main technologies used: Python, SQL Server, Power BI, Excel, Databricks, Reuters.

JUNIOR DATA SCIENTIST• HANUMAN AUTOMATION PRIVATE LIMITED• SEP 2016 TO DEC 2018

Project1: Order Forecasting

This project refers to the prediction of Orders which could be generated in one office location such that it maintains necessary

VENKATESH DS
FULL STACK DATA SCIENTIST

- Dependable and Responsible
- Flexible and Adaptable
- Excellent interpersonal

PROGRAMMING SKILLS

- Python
- MLOps
- Business analytics
- Machine Learning, Deep Learning and Computer vision
- Statistical analysis,SPSS
- SQL, PowerBI, Tableau
- Microsoft Office package, Microsoft Word, Excel Access
- Html, CSS, Bootstrap, React, JavaScript
- Django, Flask
- Mongo dB, Cassandra
- Pyspark AWS, Azure, GCP, Heroku
- Git CI/CD, Docker, and Kubernetes
- Azure Databricks, Azure Data Factory, Azure Data Science Virtual Machines
- MATLAB and Simulink

levels of inventory on hand without holding excess stock and also avoid stock out.

Project2: Customer Journey

This project refers to the analytics involved in the data associated with a customer's multiple interactions with a company. Based on the customer's past events and interactions, we have predicted whether a particular customer will apply for a Loan in near future or not.

Project3: Customer Churn Prediction

This project refers to the prediction of whether a particular customer ceases his or her relationship with a company.

EDUCATION

MASTER OF SCIENCE: ENERGY ENGINEERING • MARCH 2022 • UNIVERSITY OF GENOVA - GENOVA, ITALY

Grades: **101/110**

Master Thesis: "Forecasting of Active Power from **80kw and 21kw** solar panels installed in University of Genoa, Italy by using **Machine Learning and Deep Learning** and "**Optimal control of electric vehicles charging in a smart charging park**".

BACHELOR OF SCIENCE: MECHANICAL ENGINEERING • JULY 2016 • HKBK COLLEGE OF ENGINEERING, UNIVERSITY OF GENOA – INDIA

GPA: **70.17%**

LANGUAGE SKILLS

English Bilingual or Proficient (C2)

Italian Intermediate (B1)

ACHIEVEMENT

- Successfully developed and deployed a predictive model that reduced customer churn rate by 15% within the first quarter of deployment.

- Conducted a thorough analysis of customer data and identified key drivers of customer satisfaction, resulting in a redesign of the company's product offering and an increase in customer retention by 20%.

AUTHORIZATION

I authorize the processing of my personal data in accordance with European legislation - EU Regulation 2016/679 - and Italian Legislative Decree 196 of 2003 as amended by Legislative Decree 101 of 2018 - for the purposes of recruitment and selection of personnel.