Jasmine Jeniffer J

Mobile: +91 – 90255 21571
Email: jasminejenni12@gmail.com
LinkedIn: linkedin.com/in/jasmine-2012
Location: Hosur, Tamil Nadu
Preferred Job Location: Chennai and Bengaluru

Data Scientist/Data Architect/Data Engineer/AI Engineer/Machine Learning

PROFILE & VALUE

- Postgraduate in Data Science holder with a passion for commencing and building a career in Machine Learning/Data Science; gained valuable insights into practical development and application of AI/Data Science through ongoing internships
- Proven knowledge of statistics, machine learning, linear programming, or mathematical optimization, both practical and theoretical
- Demonstrated familiarity with Python, including libraries such as Pandas, PyTorch and NumPy, SQL, relational databases, version control, and tools such as git
- Ability to document and explain innovative techniques to other team members
- Comfortable working in a collaborative environment with cross-team communication to bring projects into production

EXPERTISE

Data Analysis and Visualization
Probability and Statistics
Data Quality Standards
Data Collection and Analysis
Missing Value Treatments
Data Virtualization
Computer Vision
Communication Skills
Problem Solving

CORE SKILLS

Languages:	Python, Basics of C, C++, Java
Database:	SQL, NO SQL
SCIKIT:	Learn, NumPy, Pandas
AI/ML:	Deep Learning, Computer Vision
Algorithms:	Logistic Regression, KNN Classification, Naïve Bayes, Decision Trees and Ensemble models

EDUCATION & CREDENTIAL

Academia	**PG Diploma in Data Science** - Manipal Academy of Higher Education, Bengaluru, Karnataka, 2019 – 2020, CGPA: 7.3 **Bachelor of Technology (CSE)** - Panimalar Institute of Technology, Chennai, 2013 – 2017, CGPA: 6.8
Scholastics	**Higher Secondary School (HSS)** - Sri Vijay Vidhyalaya Matriculation Higher Secondary School, Hosur, 2012 – 2013, 92% **Secondary School of Education** - St Joseph Matriculation Higher Secondary School, Hosur, 2010 – 2011, 87%
Certifications	- Deep Learning for Computer Vision Certification Course - Data Science and Machine Learning Bootcamp Certification Course

INTERNSHIPS

Since Aug 2021	ACL DIGITAL	NLP Engineer

Client Company : PayPal

- Analysing the chinese data and making predictions based on the data
- Validating the models
- Testing the models with the updated package
- Extraction of Chinese and Pinyin Dataset
- Calculating the accuracy metrics based on the model prediction

Since Dec 2020	Constient Global Solution	AI Intern

Highlights
- Synthesize research literature in the areas of statistical modelling, machine learning, operations research to incorporate findings into algorithm development
- Conduct empirical research and develop methods/tools to help improve the effectiveness of modelling tools
- Support the implementation of state-of-the-art AI algorithms in TensorFlow or PyTorch
- Design and improve unsupervised algorithm models and deep learning modules
- Evaluate and validate the model performance with respect to metrics

Apr 2020 – Jul 2020	Big Data Science Research	Data Analyst

Highlights
- Learned how to leverage and integrate disparate data sources, including enterprise systems, internal and third-party applications, and customer data
- Worked to identify and diagnose data inconsistencies and errors, forages to fill data gaps
- Maintained metadata dictionaries to assist in the governance of metrics and flow of data
- Developed supervised/unsupervised machine learning models using both structured and unstructured data
- Used statistical modelling to identify patterns in data and conducted exploratory data analysis

ARTIFICIAL INTELLIGENCE/DATA SCIENCE PROJECTS

Signature cropping using Computer Vision:
Objective: validating signature in cheque.
Tools Used: Python.
Libraries Used: OpenCV.
Algorithm: Computer Vision, CNN.
Description:
- To validate and compare the current and existing signature.
- Once the signature got identified, validate with the existing signature.
- Once both the signature matches for 80-90%, the signature will be cropped.

Credit Card Default:
Objective: Predict if the clients would pay the next month's credit card bill.
Tools Used: Python.
Libraries Used: Numpy, Matplot
Algorithm: Random Forest, Logistic Regression.
Description:
- The process is done through a supervised learning algorithm.
- After validating data unbalancing, visualized the features and understood the relationship between different features.
- Random Forest Classifier has performed well with accuracy score - 0.815 and f1 score - 0.46

TECLOV Business Analysis Project: Identified the best sectors, countries, and the suitable investment type for an asset management company Teclov. Analyzed vast array of data using Pandas library of Python.

Attrition Rates of Employees: Completed the project to reduce employees' attrition rates by providing them with bonuses/incentives. Experimented with the popular classification algorithms such as Logistic Regression, KNN Classification, Naïve Bayes, Decision Trees and Ensemble models like Gradient Booster, AdaBoost and XGBoost classifiers.

PERSONAL DETAILS

Date of Birth: 12th Jun 1995
Marital Status: Single
Language: Tamil & English

References available upon request