Dhruv Chandra

Data Engineer

An experience of 2+ years in the IT industry seeking an opportunity in Data Science to leverage my analytical skills to provide data-driven business solutions. Seeking a role to utilize my technical skills and analytical abilities to achieve the goals of the organization.

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Dhruv Chandra

Dhruv-Chandra

EXPERIENCE

Coforge (NIIT Technologies), Greater Noida

Software Engineer

September 2021 - PRESENT

- Successfully created several .Net and Python Applications (accelerators) currently used by our and customer's team to increase work efficiency and productivity.
  Namely:
    - **CodeViewer**: Lists out different fields/variables and its properties of a DuckCreek XML Manuscript in a tabular form, saving a developer's time and effort to go inside a heavy, time consuming application for simple tasks.
    - **VersionController**: Creates new DuckCreek Policy Manuscripts, keeping in mind the inheritance rules, faster than the currently used application.
    - **MailMergeApp**: Fills Mail Merge fields of more than 1k Word documents within 30 mins and creates a PDF of all the forms individually, for QA purposes.
      Eliminates the need for manual individual testing of thousands of documents.
- Developed and tested software using Duck Creek for bugs and operating speed, fixed bugs for our client in the Auto Insurance Domain and documented processes to increase efficiency among teammates.
- Responsible for resolving most of the alignment issues during app theme change.
- Occasionally worked on Billing Data Fix issues.

Coforge (NIIT Technologies), Greater Noida

Graduate Engineer Trainee

April 2021 – August 2021

- Analyzed and Developed Policy, Billing, Forms related new functionalities as per customer's requirements.
- Fixed relevant bugs within stipulated time in order to increase efficiency.
- Completed several Duck Creek Policy and Billing Trainings.

SKILLS

C#, .Net Programming.

Python (NumPy, SciPy, Pandas, Scikit-learn, Flask).

PySpark, Apache.

SQL, MySQL (Open-Source Relational Database).

Data Cleaning, Warehousing, Exploration & Visualization, Feature Selection/Feature Extraction, Hyperparameter Tuning, Model Evaluation

Outlier/Anomaly handling, Data imputation, Cross Validation.

Machine Learning (Classification, Regression, Ensemble Techniques).

Unsupervised Learning - Clustering (K-Means)

NLP - Natural Language Processing.

Deep Learning - Keras.

Monster India, Noida

QA Intern

Feb 2021 - July 2021

- Responsible for improving the Search Relevancy and Optimisation of the new and improved v4 recruiter website.
- Reported bugs/issues related to search relevancy in v4.
- Incharge of creating a weekly summarized report to be presented in front of the company's leaders, including the CEO and other board members.

EDUCATION

Amity University, Noida— B. Tech in CSE

July 2017 - June 2021

- Learned extra electives like Machine Learning and Deep Learning from NPTEL.
- Attended a 5 - Day Military Camp held at Amity University, Manesar.

PROJECTS

- **Face-Emotion-Detection**

    - Participated in Kaggle Competition for detection of emotions using facial images.
    - Best Accuracy score: 0.79.
    - Implemented Data Augmentation on training data for better model training.
    - Created a python script for real time emotion detection.
    - GitHub: Dhruv-Chandra/Face-Emotion-Detection

- **Big Mart Sales — Analytics Vidhya Hackathon**

    - Predicted the sales of each product at a particular outlet.
    - Best RMSE among all regressors - 1170.99. Reduced from 1367.855 - 1170.99
    - GitHub: Dhruv-Chandra/Big-Mart-Sales

- **Black Friday Sales — Analytics Vidhya Hackathon**

    - Predicted the sales on the occasion of Black Friday in the US.
    - Applied Random Forest Regression algos with multiple Hyper Parameter Tunings.
    - Best RMSE among all models- 3199.96
    - GitHub: Dhruv-Chandra/Black-Friday

- **Titanic Survival Prediction — Kaggle Competition**

    - EDA and Model Building in order to predict Survival Pattern.
    - Built multiple classification models including k-NN, Decision Trees, Random Forest, SVC, Bagging Classifier.

AWS - Sagemaker, S3, Model Monitoring, Clarify.

CERTIFICATIONS

Microsoft Azure Fundamentals (AZ - 900)

Data Science (Amity Future Academy)

Deep Learning (Amity Future Academy)

Foundation of Machine Learning - Julia (JuliaAcademy)

Python Quiz Series - 1, 2 (HKBK College of Engineering)

Python Basic (HackerRank)

LANGUAGES

English

Hindi

- ○ Best score: 0.8249
- ○ GitHub: Dhruv-Chandra/Titanic

- **Heart Patients**

  - ○ Predicting Chronic Heart Disease Patterns.
  - ○ Best Accuracy: 89.86%.
  - ○ Built multiple classification models including k-NN, Decision Trees, Random Forest, Stacking Classifier.
  - ○ GitHub: Dhruv-Chandra/Heart-Patients

- **Click-Rate Prediction**

  - ○ Participated in Job-a-Thon August, 2022 hosted by Analytics Vidhya.
  - ○ Secured a rank of 398 among 8k participants.
  - ○ Best R2 score: 0.429.

- **Loan Prediction**

  - ○ Predictive Model to decide Loan Allocation for future applicants.
  - ○ Analyses past data of loan applicants and their outcome to predict Loan Status.

- **Mexico Covid Cases Severity Analysis**
  - ○ Analyzed around 10 lakh Data values for Patterns.
  - ○ Created a Predictive model to identify severity in future covid patients using their medical history.
  - ○ This project could be used to detect the potential severity early in patients and give them appropriate medical attention in time.