Pratik B. Domadiya

My Portfolio website | LinkedIn | Github | pratikdomadiya123@gmail.com | (437)-988-5922 | Scarborough, ON

Student in a Data Science field seeking an Internship or Co-op position on insightful data analytics and visualizations, Statistics, Data Engineering, Machine Learning and AI, to enhance the experience of organization's user, business efficiency, strategic goals, and profit.

INTERNSHIP / WORK EXPERIENCE:

Upwork | The World's Work Marketplace For Freelancing   (Since Jan 2020)
Data Engineer (ETL Developer) (Independent Freelancer) | Explore Profile
- Worked On Data Extracting Methods Such As Web Scraping – Scrapy, BS4, Selenium Using Python.
- Applied Python – Regex To Transform Data Into Required Form, Cleaned To Make It Ready For Production.
- Load The Data into Database/Cloud Like MS SQL, MySQL, AWS Using Database Queries and Python API.

Wholetex | Clothing Wholesaler | Surat, Gujarat, India   (May '20-June '21)
Software Engineer (ETL Process Management & Mobile App Development)
- Developed Automated Python Script For Extracting Data From Predefined Websites, Transform & Cleaned It Into Required Form And Dumped Into MySQL Database For Production Use.
- Also Developed Cross Platform Mobile Application Using Flutter Framework.

Physical Research Laboratory | A Unit of Dept. of Space, Govt. of India, Ahmadabad**.**   (Jan'20- April,'20)
Machine Learning Engineer - Research Project Intern (Deep Neural Network)
- Developed Database of satellite images (Solar Observatory Image Dataset), cleaned it using python libraries, applied image processing on dataset, built Deep learning model for prediction of solar flares.
- Deep Learning Towards Solar Flare Prediction (Research Project), Applied concepts of Hybrid Convolution Neural Network, Auto Encoder, Keras/Tensorflow, Automation tool-Selenium Web Driver, Image Processing, Jupyter Notebook and Google Colab, Python 3, gained experience related to Real Industrial Work, Team work, & Presentation Skills.

CORE COMPETENCIES:

- **Programming Languages**   Python, SQL.
- **Machine Learning & AI**   Python/Scikit-learn, Deep leaning/Tensorflow, Keras, Statistics, ML Modeling.
- **Data Intensive Skills**   Data Warehouse/ETL, Data Visualization, Data Analytics, Web scraping, MySQL.
- **Tools / Software**   Jupyter, Google Colab, AWS Cloud, Git, MS Visual Studio, PyCharm, Tableau.
- **Other Skills**   Automation/Selenium, Team Work, Communication & Collaboration, Presentation.

ACADEMIC PROJECTS: (view my portfolio)

House Price Prediction | Python – Scikit-learn, Linear Regression, Data Visualization – matplotlib, Data Pre-processing
- Developed new dataset using web scraping techniques, visualized and cleaned the data, applied machine learning model for imputing missing values and prepared data ready for Regression model.

Identify the habitability score of a property | Python/Scikit-learn, Data Preprocessing, Decision Tree, SVR, Random Forest, LR.
- Preprocessed the data set, cleaned and imputing missing data using Decision Tree Regressor, applied various linear model such as Support vector regressor, Random Forest and Linear Regression to identify habitability score of property, found around **81%** accuracy.

Data Science Academic Course Work | Python, statistical modelling, Logistic Regression, SVM, Decision Tree, Data Analysis

EDUCATION:

LOYALIST COLLEGE IN TORONTO, ON, CANADA   (2021-2023)
- Ontario College Graduate Certificate: Artificial Intelligence & Data Science.
- Relevant Coursework: Probability Theory, Stochastic Modeling, Data Analysis, Data Mining, Machine Learning, deep learning, Mathematical Statistics, Natural Language Processing
- **DeepLearning.AI Tensorflow Developer Professional Certificate –** DeepLearning.AI Community(Coursera)
- **AWS Certified Cloud Practitioner –** Amazon Web Se1rvices

DHARMSINH DESAI UNIVERSITY, NADIAD, GUJARAT, INDIA - (B.Tech) in Information Technology   (2016-2020)
- **Honors** : CGPA - 8.62/10.0 , Secured 19th Rank

EXTRACURRICULAR ACTIVITIES AND CERTIFICATION

- **Master SQL Development** – LinkedIn Learning Certification
- **Data Analysis With Python certificate** – Powered by IBM (Coursera)
- **Tableau For Data Scientists** - LinkedIn Learning Certification
- **Machine Learning and Data Science Hands-on with Python and R** – certificate offered by UDEMY