KRUNAL KALARIYA

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Career Objective

To work in a challenging environment using my problem-solving skills and efforts to explore in data science field. "The goal is to turn data into information and data into insights" and seek an opportunity for continuous learning.

Professional Highlights

❖ **Junior Data Scientist at CrowdANALYTIX (Jan-2017-Till Date)**

➢ Machine Learning technique regressions, decision tree, random forest.

➢ Good understanding Deep learning concept like CNN, RNN, LSTM, GRU.

➢ Understanding of FRCNN, YOLOv3, RetinaNet.

➢ Working knowledge of library such as Scikit-learn, Numpy, Matplotlib, Keras, Google TensorFlow, Deploy DL model to AWS.

➢ Data Analytics, Attribute-Modelling, Data scrape from web, data gathering, cleaning of the data using regex technique.

➢ Web crawler using Scrapy python Beautiful Soup, Building a web crawler spider.

➢ Pattern Recognition in Numerical and Text in Data.

➢ Python, Regular Expression, Pandas, Excel

➢ Good exposure working with NLTK.

➢ Fashion Image PT Classification.

Projects Undertaken

➢ **RCT – Attribute Extraction (Randomized controlled trial)**

Client	Walmart
Role/responsibility	Developer, Data Exploration, Validation, production deployment.
Description	The part of Data Team Working for eCommerce project Extract data from the database and clean text data using the regular expression (Text Processing). Identification pattern (text and numeric) in text data as for model requirement. And developed python regular patterns economical script model to identify the extracted pattern. data processing, data cleansing.

➢ **Product Catalog**

Client	Best Buy Canada
Role/responsibility	Web Scraping, Development, Validation
Description	The product attributes give detailed information about the product and used to drive search functionality on the website. To build a detailed description about the product and required several phases such as data scraping, attribute extraction and detailed information about the product to meet requirements.

➤ **Image classification (www.datax.ai)**

Client	Internal Business solution.
Role/responsibility	Collecting image from various source.
	Working knowledge of Google Vision API(Google OCR) to extract Labels, Entitis, Web Titles. to analyze images. Train classifier with Google-TensorFlow, Create confusion matrix cross-validation.

Technical Expertise

- ❑ **Programming Languages** : **Python, C++**, C.
- ❑ **Web Technology** : Bootstrap, JavaScript, HTML.
- ❑ **Developing Environment** : Jupyter Notebook, PyCharm, Visual Studio.
- ❑ **Cloud Platform** : **AWS**, Google Cloud,.
- ❑ **Database** : SQL, NoSQL (MongoDB).
- ❑ **Areas of Interest** : **Data Science, Deep learning and Text Processing.**
  Data Structure and Algorithm**.**

Academic Qualifications

Grade	School / College	Board / University	Duration	% / CGPA
M.Tech. (Network Engg.**)**	MIT, Manipal	Manipal University	2014-16	6.75
B.E. (E&TC)	IETE, New Delhi	AMIETE	2009-13	7.44
12th	Shree Sandipani Vidhya Shankul, Dhoraji.	Gujarat Board (G.S.H.E.B.)	2008-09	60.47
10th	Shree Swaminarayan Gurukul, Gondal	Gujarat Board (G.S.H.E.B.)	2006-07	68.92

Technical Activity and Achievements

- ➤ Attended a Seminar on Big Data and Image Processing organized by Yahoo, MIT
- ➤ Attended a Seminar on Bluemix and cloud computing organized by IBM.
- ➤ Workshop on Advances in Big Data Analytics organized by ICT Dept. MIT, Manipal.
- ➤ Workshop on Machine Learning organized by ICT Dept. MIT, Manipal.
- ➤ Scored 92.87 percentile in GATE 2014.

Extra-Curricular Activity

- ➤ Gujarat volunteer of the Art of Living – Non-Government Organization
- ➤ Participated in Cricket tournament organized by Intercollege sports competition, Delhi.
- ➤ NCC (National Cadet Corps), Annual Training Camp-2006.

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