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413 Summit Avenue, #352 Meadow, Arlington TX 76013

**Stewyn Chaudhary**

**Objective:** Master’s candidate actively seeking Co-op / Full-time opportunities starting June 2018 in Data Analytics, Big Data

# Education:

## MS Information System| University of Texas at Arlington | Texas, USA. *Aug 16 - Current*

**Coursework:** Data Analytics, Big Data, Data Mining, Data Warehousing. ***GPA:*** *3.57/4.0*

## B.E. Computer Science | University of Mumbai | India. *Aug 11 - Jun 15*

**Coursework:** Data structures, DBMS, Distributed Computing, S/W Engineering, Analysis of Algorithms. ***GPA:*** *3.3/4.0*

**Projects**

* **Advice seeking network for UTA, College of Business Administration (COBA)(UCINET and Python) *Jun 17 - Aug 17***
  + This project was done to find the influential students who are approached by other students for academic advice.
  + The data was collected by sending out google forms to all the students in COBA, data preprocessing was done in python and all the processed data was send out to UCINET to conduct hypothesis testing through which I found influential students in the department and made appropriate conclusions.
* **Social Media Analytics (Python) *Feb 17 - May 17***
  + Analyzed sentiments of people and topic modeling on the new administration of the recently elected president of the United States- Mr. Donald J. Trump.
  + Conducted topic modeling (Non-negative Matrix Factorization (NMF) from Scikit-Learn and Latent Dirichlet Allocation (LDA) from GENSIM) on the collected tweets.
  + To see the geographic variation in opinions, I have collected tweets from 5 different states and conducted the aforementioned three analyses
* **Predicting the outcome of NBA games using data analytics (Python) Jan *17- May 17***
  + In this project, I used Pandas and Scikit-learn packages together to analyze the outcome of NBA games, trying to predict the winner of a match using parameters such as Home Last Win, Visitor Last Win, Home Win Streak etc with accuracy of 76%.
* **Forecasting Brazil Unemployment Rate (R) *Feb 17 - May 17***
  + Build a model for predicting Brazil unemployment data in R. This model forecasts the unemployment rate of Brazil till 2020 using previous data. Unit root test was performed and based on ACF and PACF graph I finalized and verified the model by performing a Ljunk Box test.
* **Bank Tele Marketing (Weka) *Aug 16 - Dec 16***
* Predict potential customers for the bank Tele Marketing using current attributes of the customer.
* Trained various classifier and used it for prediction after filtering out false predictors to predict which customers will be willing to enroll in Bank Telemarketing Scheme with accuracy of 74 %.

# Skills:

* **Databases:** Oracle 11g, SQL Server.  **Languages:**  R, Python, SQL
* **Data Mining |Visualization:** Tableau, MS Excel.  **Operating Systems:** Linux/Unix, Windows
* **Tools:**  R Studio, Weka.
* **Big Data:** Hadoop HDFS, MapReduce, Spark

# Leadership skills:

# Treasurer, Association of Information Technology Professionals, UTA *Mar 17 - Current*

# Resolution Committee Board member, Graduate Student Senate, UTA *Aug17 - Current*

* Leadership Honors Program, UTA ***Aug 17 - Current***
* Secretary of Angels Club, SFIT ***Aug 13 - Jun15***

## Certifications and Workshops:

* Wayne Watts Graduate Fellowship by UTA, College of Business.
* Co-authored a research paper ‘*Image Encryption Using Keyless Approach*’ and ‘*Security Approach for Multi-Cloud Data Storage’*
* Successfully completed ‘Big Data’, ‘Hadoop’, ‘Tableau Desktop’ coursework from top renowned MOOC.
* Successfully completed Oracle 11g workshop for DBA Admin 1 and 2 from ‘Astrisk Consultants’ Mumbai, India.