

SYRINE AROURI

Born in 13/03/1995 in Tunis, Tunisia

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Qualifications:

Engineering School of Statistics and Data Analysis of Tunis (ESSAI). (In progress)		2016-2019
Preparatory cycle Mathematics/Physics	«Preparatory Institute for Engineering Studies of el Manar, ENIT»	2015 2016
Mathematics baccalaureate	«Ariana pioneer high school »	2014

Skills:

Statistics Data mining, Bayesian modelling
 BI, Data analysis, Scoring, profiling,
 Survey and opinion survey,
 Applied mathematical modelling,
 Econometrics, time series,
 Classification and prediction,
 Optimization,
 Portfolio management, Risk management.

Finance Finance, Accounting, Economics, Game theory, Management.

Data processing Information system design,
 Database management (SQL/PLSQL)

Programming Object-oriented programming (C/C++, JAVA, UML)
 Deep learning (Machine learning) (Python),
 Web programming (HTML, PHP)

Software programs R, Shiny apps, SAS, Hadoop, Data warehouse, Kaggle, Open Bugs,
 EViews, STATA, PowerAMC, ORACLE, Eclipse, NetBeans,
 CPro.

Os: Windows, Linux : Ubuntu

Projects and Professional experience:

January 2017 –Machine Learning –

Network of convolutional and LSTM (long short term memory) neurons

Technology used: R, Python

January - May 2017 –final year project –

Study of inflation in Tunisia : Establishment of a study model of inflation rate and consumer price indices in Tunisia

Technology used: R, SAS

May 2017 -Data analysis project –

Study of correlations between variables (ACP method)

Correlation detection between variables in a database

Technology used: R markdown (packages : FactoMiner, ggplot2).

July - August 2017 Insertion internship

The electrical wiring company COFAT Study around the effectiveness of the six sigma method

Technologi used: R, EXCEL

November - December 2018 -Machine Learning Project-

Text Mining: text generation Style Transfer: Transferring a picture's style from the outline of another picture

Technology used: Python (packages : TensorFlow)

September - December 2018 –Survey Project –

Study of student's consumption of fast food : Conducting a survey and applying random survey methods.

Technology used: Rstudio, Latex, EXCEL

January - May 2018 - final year project –

Establishment of an online sales web application (e-commerce).

Setting up an online sales web application that allows you to make purchases and pay online.

Technology used: php5, html5, css, javascript, Java, Rstudio.

February - May 2018 -Machine Learning Project-

In collaboration with the National School of Engineering of Tunis

(ENIT) Classification of rhythms (exp: beginner vs. experienced

instrumentalist). Spectrum classification (distinguish between two

types of odor spectra). Technology used: Python (packages : Keras,

TensorFlow)

March 2018 Data Analysis Project :

Logistic Regression VS Neural Networks for credit credibility and classification

Technology used: R, shiny app

July-August 2018 : Summer internship- ERM Partners
Building a Claims Reserving and risk management Shiny app
Technology used: R (packages : rshiny, plotly, chainladder)

Languages:

Arabic: Native language

French: Very good (Voltaire certificate – score 677)

English : Very good (Toeic certificate – score 745)

German: Good

Centers of interest:

Leisure Cinema, philosophy, literature, economics, apps programming, tennis.

Qualities

Ability to integrate, adapt and train.

Sense of rigor and autonomy.

Professional objectives

Collaborate and work in a team.

Exploit my skills and know-how.

Actively participate in the progress of society.

Gain experience and integrate an evolving position.

Associative life

Member of the administrative office of the Junior Entreprise club.

Member of the Tunisian Association of Statistical Engineers (ATIS).

Active member of the Medina Book Club.

Active member of the reading and cinema club A film A book.

Member of the Tunisian Red Crescent Association.

