



# FEDI HAMDI

Statistician / Data scientist

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## EXPERIENCE

### Data scientist intern | Business & Decision

01/02/2020 – 07/08/2020 Tunis, Tunisia

**Subject :** Developing AI algorithms for the scoring of crowdfunding credits for SMEs and SMEs within FinTech using different types of data

- GloVe, CNN, LSTM, Random forest and SMOTE.
- Equity crowdfunding, crédit-scoring, Web scraping, NLP.
- Structured and unstructured data.
- Python, Tensorflow, Keras, Scikit-Learn, GraphQL, Pandas, NLTK.

### Statistician intern | Tunisian Insurance and Reinsurance Company

01/08/2019 – 30/08/2019 Tunis, Tunisia

**Subject :** Modeling of mathematical provisions for life insurance annuities.

- Mathematical provision of "life insurance". SAS
- Modeling for estimating annuity premiums. R

### Statistician intern | Best Brands Company

01/07/2018 – 25/08/2018 Tunis, Tunisia

**Subject :** SNCF passenger traffic forecast models.

- Modeling and forecasting of the number of French travelers per station.
- R, data mining, time series, panel data.

### Statistician intern | Tunisian Electricity and Gas Company

01 07 2017 – 05 08 2017 Tunis, Tunisia

- Clustering of actuarial liabilities. R, data mining, data analysis.

## EDUCATION

### Engineering curriculum | Graduate School of Statistics and Information Analysis

2016 – 2020 Tunis, Tunisia

### Mathematics-Physics preparatory cycle | Preparatory Institute for Engineering Studies of Tunis (IPEIT))

2014 – 2016 Tunis, Tunisia

High school diploma : Mathematics specialty ( Highest Honors )

2014 Tunis, Tunisia

## PROJECTS

### Parking tracker

2021 Individual

**Technologies :** Python, OpenCV, TensorFlow, YOLOv3

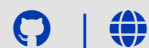
### Dashboard for monitoring COVID 19 in Tunisia |



2020 Individuel

**Technologies :** R shiny, Tableau, HTML, CSS, Javascript

### Skin cancer diagnosis powered by Deep Learning |



2019 Academic

**Technologies :** Python, Tensorflow, Keras, Scikit-Learn, Pandas, OpenCV

### Machine Learning Powered Dashboard for German Credit Data |



2019 Academic

**Technologies :** R shiny, CARET, nnet, e1071, dplyr, ggplot2

## STRENGTHS

Python R SAS

Machine Learning Deep Learning

NLP Statistics Econometrics

Financial risk management

SQL NoSQL Web scraping

## CERTIFICATION

Python 101 : IBM

AI For Everyone : DeepLearning-AI

Structuring ML Projects

Credit Risk Modeling : 365 DS

TensorFlow for AI : Google

DL for computer vision : Nvidia

SAS : Datamatrix

## LANGUAGES

French: bilingual

English: professional

## HOBBY

Video games Cinephile

## IN PROGRESS

Map Reduce Cloud Computing

Quantitative Investment Management