

# Wael El Ferchichi | Engineering Student

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## Education

### École Nationale d'Ingénieurs de Tunis

Master's Degree

2020-2021

Data & Signal Processing

### École Supérieure de la Statistique et de l'Analyse de l'Information

Engineering School

2018-2021

Statistical Engineer

### Esprit-Prépa

Engineering Preparatory Cycle

2016-2018

Mathematics & Physics Undergraduate Studies

## Experience

### ESSAIT

Machine Learning Research Intern

Summer 2020

FOREX Trend classification using Machine Learning: :

- OHLC Data Extraction Automation.
- Feature Extraction Forex indicators integration.
- Developement & Evaluation of classification models.
- Back-testing of algorithms on recent data.

### Quantylix

Data Scientist Intern

Summer 2019

Designing an interface for Real Estate Market using R :

- Extracting Online Real Estate Listings.
- Managing missing data (Imputing, dropping, etc).
- Investigating structural errors and outliers.
- Building an interactive Shiny Dashboard to visualize final results.

## Certificates

- Deep Learning Specialization, Coursera - Deeplearning.ai.
- Building a Data Science Team, Coursera - John Hopkins University.

## Skills

**Programming:** Python, R, Java, C++, SQL, VBA

**Machine Learning:** Classification, Regression, Clustering, Data Mining.  
TensorFlow, Keras, scikit-learn, etc.

**OS:** Windows, Linux (Ubuntu).

**Other:** Git, MS Office, Latex.

## Languages

**English:** Advanced

**French:** Fluent

**Arabic:** Native

## Hobbies and Interests

**Hobbies:** Electronics Repair, Troubleshooting, DIY Projects & Cinema.

**Interests:** Finance, Economics, Mathematical Modelling.