



Ichrak ROMDHANI

Computer Science Engineer
-Data Science Specialty-

Tunisia, Ariana, Chotrana 2083
(+216) 24521152

ichrak.romdhani@esprit.tn
linkedin.com/in/ichrak-romdhani

SKILLS

- **Programming:** Python, R, Java/JEE, ReactJS, C#, .NET
- **Data Science:** Machine Learning, DeepLearning, Computer Vision, Natural Language Processing
- **BigData:** Hadoop, Apache Spark, ElasticSearch
- **Business Intelligence:** ETL, SSIS, SSAS, SSRS, PowerBi, Sql Server
- **Database:** MySql, Oracle, PostgreSQL, MongoDB
- **Project Management:** Scrum Agile, CRISP-DM, Git

LANGUAGES

- **Arabic:** Native
- **French:** Full Professional
- **English:** Full Professional
- **Spanish:** Elementary

CERTIFICATES

- Improving Deep Neural Networks: deeplearning.ai - 2020
- Neural Networks and Deep Learning: deeplearning.ai - 2020
- Fundamentals of Deep Learning for Computer Vision: NVIDIA: -2019

CENTER OF INTERESTS

- **Artificial Intelligence:** Member at Engineering Lab at Data-CoLab -2019
Participant at AI Hack Tunisia - 2019.
- **Volunteer** with North American Tunisian Engineers Group (NATEG)
Web programming instructor for children - 2019
- **Volunteer** with Volunteering Without Borders
Support member for a french group during an exchange program - 2018

EXPERIENCE

• February - Present (End of Study Project)

Data Scientist | SDZ GmbH

- Supply Chain forecasting
- Enhance productivity and profit

Technologies: Python, Deep Learning, RNN, LSTM

• January - February 2021

Techsales person | Skills21 bootcamp

- Implement sales plan and cycle for FabEvent startup
- Inbound and outbound marketing
- SEO for marketing

• July - September 2020

Data scientist | ESPRIT DSI

- Optical Character Recognition: **OCR**
- Implement an application that automatically extracts information from bank checks images.

Technologies: Web Scrapping, Selenium automation, Python, Deep Learning, Computer vision, EasyOCR, Django

ACADEMIC HISTORY

• 2019 - present

National Diploma in Computer Engineering | Data science

Private Higher School of Engineering and Technologies (ESPRIT), Tunisia

• 2015 - 2018

Bachelor's degree in Computer Science

Higher Institute of Computer Science and Mathematics, Monastir, Tunisia

ACADEMIC PROJECTS

• September - November 2020

A decision Support System for Project Management based on Ontology Learning | ESPRIT

- Subject and relation extraction from corpus.
- Ontology semi-automatic construction.

Technologies: Text pre-processing, Term/Concept extraction, Semantic Parsing, Python, PDF scrapping NLP, nltk, tensorflow, spacy

• January - May 2020

Reverse Vending Machine | ESPRIT

- RVM recognizes each type of empty bottle, treats them and separates them without any contamination for subsequent recycling.

Technologies: Python, Deep Learning, Computer Vision, ResNet50

• May - June 2020

Mac'Do France e-réputation | ESPRIT

- Analyze what people think and feel about Mac'Do France through their publications and comments posted on social medias or websites.

Technologies: Web Scrapping, Python, Deep Learning, NLP

• October 2019 - January 2020

Solution Business Intelligence | ODDOBHE

- Implementation of ETL-based Data Warehouse and creation of Dashboards with PowerBI.
- Predictive analysis of opportunities and risks based on Machine Learning.

Technologies: SQL Server, SSIS, SSAS, PowerBI, Python, Machine Learning, Clustering