



Rahma Said

IT Engineer Student || Data Science Enthusiast || U.S Department of State
UGRAD Alumna

Throughout my academic and extracurricular experience, I have gained a broader perspective of innovation and a deep understanding of data management. While getting more specialized in Data Science, I aspire to bring together operational insights and strategic decisions effectively.

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EDUCATION

IT Engineering

National Institute of Applied Sciences & Technology

09/2017 - Present

Tunisia

Business Management

Shawnee State University

08/2019 - 05/2020

ohio, USA

WORK EXPERIENCE

Data Science Intern

TeamWill Consulting

03/2021 - 08/2021

Achievements/Tasks

- Refined the existing data set and applied features selection.
- Implemented a Secure Neural Network solution combined with a distributed model in order to preserve the privacy of customers.
- Performed a data analysis strategy on encrypted data using Cryptography and Secure Multiparty Computation.
- Improved 80% of customers' trustworthiness prediction results by developing a regression AI module based on the customers purchasing behavior.

Data Science intern

DataEra, Tunisia, 08/2020 - 11/2020

Achievements/Tasks

- Refined the existing dataset using the cleaning library pandas.
- Improved customer behavior understanding by developing a full-stack application containing 2 machine learning /AI Modules.
- first AI Module: RFM: developed a classification method for categorizing customers based on their purchasing behavior
- Second AI Module: CLTV: Exceeded 95% of accuracy in predicting the amount of revenue a customer will give the company over the next 3 years
- Completed the integration of the AI modules in the backend: flask
- Produced the frontend ergonomic: Angular & CanvasJs.

ACADEMIC PROJECTS

Handwritten Digit Recognition

A Convolutional Neural Network Algorithm to recognize human handwritten digits: Python, Keras, NumPy, Pillow: PIL.

Data Extraction from Resume

Supervised and rule-based methods to extract facts from resumes in order to identify different attributes: NLP (still working on it)

PERSONAL SKILLS

Communication

Management

Leadership

LICENSES & CERTIFICATIONS

Applied AI with DeepLearning

- Machine Learning, Deep Learning, LSTM.

Fundamentals of Scalable Data Science, Coursera

- Statistics, Apache Spark, NLP.

Advanced Machine Learning and Signal Processing

Professional Leadership

- Thomas Jefferson Scholarship -US Department of State.

COMPETENCES

Data Science:

Apache Spark, TensorFlow, PyTorch, Keras, scikit-learn, Pandas, NumPy, Hadoop, NLP, Tableau, Excel.

FrontEnd:

Angular Framework, CanvasJS, Bootstrap, JQuery.

DataBase:

MySQL, Oracle, MongoDB, NoSQL.

Project Management & others:

Agile/Scrum, AWS, UML, Git.

GLOBAL VOLUNTEER ORGANIZATIONS

Seeds For the Future 2020, Huawei

I was selected to participate in the international initiative launched by Huawei to introduce elite ICT students to new technologies.

Cultural AMBASSADOR, USA (08/2019 - 05/2020)

Thomas Jefferson Scholarship Award by U.S. Department of State.

President of the National Tunisian Association of Cyber Security: Securinets (07/2018 - 08/2019)

I Led the 8 subsidiaries of Securinets to organize two national Events.

Aiesec Turkey (06/2018 - 07/2018)

Provided English language training for college students in Turkey.

LANGUAGE

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Full Professional Proficiency