



# 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

INSAT: National Institute of Applied Science&Tech

09/2017 - Present

Tunisia

### Business Management

Shawnee State University

08/2019 - 05/2020

ohio, USA

## WORK EXPERIENCE

### 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.
- 1st AI Module: RFM: developed a classification method for categorizing customers based on their purchasing behavior: Data Modeling Visualization Analytics, python, pandas, sklearn, numpy
- 2nd AI Module: CLTV: Exceeded 95% of accuracy in predicting the amount of revenue a customer will give the company over the next 3 years: python, pandas, sklearn, seaborn, numpy, fbprophet.
- Completed the integration of the AI modules in the backend: flask
- Produced the frontend ergonomic: Angular & CanvasJs.

### Business Management internship

W&S Insurance life, ohio, USA, 01/2020 - 03/2020

*Achievements/Tasks*

- Circumvented new strategies to attract new customers and Contributed to facilitating weekly and monthly goals tracking.

### FrontEnd Developer intern

Telnet, Tunisia, 07/2018 - 08/2018

*Achievements/Tasks*

- Optimized the time management system of the meetings within the company: Angular, Git, Typescript.

### Instructor

Go My Code, Tunisia, 07/2017 -05/2018

*Achievements/Tasks*

- Designed and developed Web development training for students.

## 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

## CERTIFICATES

Fundamentals of Scalable Data Science, Coursera

- Statistics, Internet Of Things (IOT), Apache Spark.

Advanced Machine Learning and Signal Processing

Applied AI with DeepLearning

- Machine Learning, Deep Learning, Hadoop, LSTM, Big Data.

Professional Leadership

- Thomas Jefferson Scholarship -US Department of State.

## COMPETENCES

Data Science:

Apache Spark, TensorFlow, PyTorch, Keras, Sklearn, Pandas, NumPy, Hadoop, NLP, Tableau, Excel.

FrontEnd:

Angular Framework, CanvasJS, Bootstrap, JQuery.

Programming Languages:

Python, Java, C, Perl.

DataBase:

MySQL, Oracle, MongoDB, NoSQL.

Project Management & others:

Agile/Scrum, AWS, UML, Git, AWS.

## 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. Established the first edition of the Cybersecurity Conference NCSC during which I Dealt with the organizational aspects of the conference that +200 students attended.

Aiesec Turkey (06/2018 - 07/2018)

Provided English language trainings for college students in Turkey.

## LANGUAGE

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Full Professional Proficiency