



Contact

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Address

Borj El Baccouche , Ariana

Portfolio

<https://sadokbarbouche.github.io/myPortfolio>

Linkedin

www.linkedin.com/in/barbouche-sadok/

Github

<http://github.com/sadokBarbouche/>

Technical Skills

- **Programming** : Python ,C/C++
- **Web development** : HTML, CSS, Javascript, PHP, Bootstrap, ReactJS
- **Machine Learning / Deep Learning frameworks** : TensorFlow, Pandas, NumPy, Matplotlib, scikit-learn, OpenCV, NLTK

Certificates and Courses

- Machine Learning Specialization - DeepLearning.AI
- Deep Learning Specialization - DeepLearning.AI
- Data Structures & Algorithms - Python, Udemy
- TensorFlow Developer Certificate in 2023 Zero to Mastery, Udemy

Languages

- Arabic
- French
- English
- German

Interests

- Gaming
- Cinema
- Volunteering
- Art

Sadok Barbouche

ICT ENGINEERING STUDENT

I am a first-year ICT engineering student at INSAT and a Machine Learning and Deep Learning enthusiast. I am looking for a summer internship in Machine Learning. I am eager to gain hands-on experience in this field. I am highly motivated, detail-oriented, and possess strong problem-solving skills seeking to learn from experienced professionals in the industry.

Experience

May 2023 - Present

CodeClause - Remote

Artificial Intelligence Intern

- Developing practical skills in data preprocessing, feature engineering, and machine learning model development through real-world projects.
- Utilizing Python and various libraries such as Scikit-learn, TensorFlow, and Keras for data analysis and model development.
- Gaining experience with different types of machine learning algorithms such as linear regression, decision trees, and neural networks.

Education

September 2020 - Current

National institute of applied science and technology INSAT

Computer Networks And Telecommunication Engineering

September 2016 - June 2020

El Kef Pioneer Secondary School

Baccalaureate In Mathematics ,graduated with High Honours

Projects

Ongoing

Topic Extraction for Video using Machine Learning (PPP)

Computer Networks And Telecommunication Engineering

- Developing a machine learning-based system for video classification, with a focus on identifying and categorizing the main topics or themes covered in a video.
- Utilizing natural language processing (NLP) techniques such as text processing, tokenization, and stop-word removal to preprocess the video's transcriptions or subtitles.
- Developing a classification model using NLP techniques and training it on a large dataset of videos, evaluating its performance

2022

Cookiini (Winner of JURY PRIZE)

Injaz Tunisia Qualification Round

- Developed the front-end of Cookiini's website using ReactJS as a key technology.
- Collaborated with designers and developers to implement new features and improvements to the website, focusing on UI design, responsive design, and UX principles.
- Gained practical experience in front-end web development and developed essential skills such as teamwork, communication, and problem-solving in a professional setting.

EXTRACURRICULAR ACTIVITIES

2022 - Present

TunisiaNow INSAT

President

2022 - Present

ACM INSAT

Active member

2021 - 2022

INSAT Android Club

Active Member

2021 - 2022

JCI Kef

Active member