Mohammed Skander Sassi

Mobile : **+216 51 545 201**

Email: **sassi.m.skander@gmail.com**

Github: **@SkanderSassi**

Linkedin: **skander-sassi**

Work Experience

Faculty of Sciences of Tunis
Tunis

Internship (End of studies project)
02 - 07/2020

- Implemented a Neural Network hyperparameter tuning pipeline using various algorithms, in Ray Tune and PyTorch.
- Built a web application to launch and monitor tuning experiments using React.js.
- Created two APIs using Flask and Express.js to expose the tuner and the dashboard.
- Designed and Implemented a MongoDB database to store experiments' data.

WeReact
Tunis

Internship
07 - 09/2019

- Contributed to the creation of a training center web application using React.js and Node.js.
- Created a dashboard that enables the admins to manage the web application's content.
- Organized workflow with GitLab.

Personal Projects

- Design and implementation of a document conversion application to Braille formats
- Implemented Neural Style Transfer based on the paper by Gatys et al., in PyTorch.
- Created a web scraper to gather job and internship offers in various formats.
- Implemented an OCR tool to extract, preprocess and store text from PDF files.

Education

Faculty of Sciences of Tunis
2020 - Present

Engineering degree in Computer Science

Faculty of Sciences of Tunis
2017 - 2020

Bachelor's degree in Computer Science

Grombalia High School
2017

Baccalaureate in Mathematics

Skills

Programming : `Python` `JavaScript`

Database : `MongoDB` `MySQL`

Frameworks & Libraries : `PyTorch` `Flask` `React.js` `Node.js`

Project Management : `SCRUM`

Software Versioning : `Git`

Languages : `Arabic` `French` `English`