

Mohammed Skander Sassi

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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

- Implemented of Neural Style transfer based on the paper by [Gatys et al.](#), in PyTorch.
- Created a web scraper to gather jobs and internships 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](#) [C++](#) [Shell](#)

Database: [MongoDB](#) [MySQL](#)

Frameworks & Libraries: [PyTorch](#) [Flask](#) [React.js](#) [Node.js](#)

Project Management: [Git](#) [SCRUM](#)

Languages: [Arabic](#) [French](#) [English](#)