

# Ons Ben Hadj Sghaier

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## EDUCATION

- **Software Engineering Ecole Polytechnique sousse** Sousse, Tunisia  
*Master of Enginniring degree - In progress* September 2021 - Present
- **Higher School of Science and Technology** Hammam Sousse, Tunisia  
*Bachelor's degree in Information and Communication Sciences and Technologies;* September 2018 - June 2021
- **Farhat Hached Msaken** Msaken, Tunisia  
*Mathematical Baccalaureate* September 2017 - July 2018

## SKILLS SUMMARY

- **Languages:** Python, SQL/PLSQL, Java, JavaScript, Dart
- **Libraries/Tools:** Pandas, , Matplotlib, NumPy, Scikit-learn, TensorFlow
- **Languages:** English (B2), French (B2), Arabic (Native)
- **Soft Skills:** Communication, Problem-solving, Adaptability, Leadership

## EXPERIENCE

- **Restock** Internship  
*Junior Machine Learning Engineer* Jun 2022 - Aug 2022
  - **Image Classification (Invoice/Check) using PyTorch framework:** Developed a machine learning model for image classification using the PyTorch framework and also transforming and analyzing datasets .
- **Restock** Internship  
*Frontend Developer* Jun 2022 - Aug 2022
  - **Developed Front-End of a Web Application:** Responsible for developing the front-end of a web application from design files using the company's technology and HTML/CSS.
- **AfiaTech** Internship  
*Flutter Developer / UML Designer* Feb 2021 - Jun 2021
  - **Part of the Digitization of Medical and Pharmaceutical Data:** Worked on the development of a mobile application that collects, searches, and accesses a database of drugs available in the Tunisian market. Also provided access to the latest health news and helped find the nearest pharmacy.
- **AfiaTech** Internship  
*Mobile Application Developer* Jul 2020 - Sep 2020
  - **Created an Android App for Events:** Developed an Android app for events using Java, Firebase, and SQLite.

## PROJECTS

- **PolyStudent - Django Web Application:**
  - Designed to help students with academic and organizational tasks
  - Includes several features such as an AI Chat-Bot a vocabulary tool, homework and assignments search, organized book menu, and more
- **Imagy - CNN image Classification of more than 3 categories (Pytorch):**
  - Developed and trained a CNN for image classification.
- **YALLA - Flutter Mobile Application:**
  - MotivApp is an application that helps users maintain motivation to achieve their long-term goals.

## CERTIFICATION / ACHIEVEMENTS

- AWS Academy Machine Learning Foundations -2023
- Hult Prize OnCampus Winner -2023
- CCNA 1 -2022

## VOLUNTEER EXPERIENCE

- **Event Manager - the Chess Club of Polytechnic Sousse :** Jan 2020
  - Provided guidance and support to members of the club in order to improve their chess skills
- **Sponsorship and Marketing Manager for Atast Club ESSTHS, Sousse, Tunisia :** Sep 2019 to Apr 2022
  - Responsible for creating sponsorship documents and materials for Atast Club ESSTHS, including proposals, presentations, and other marketing collateral
- **the Judge and Training Coordinator for the Hult Prize University of Sousse 2020:** Oct 2020to Oct 2021
  - organize and facilitate training sessions to ensure that the judges were properly prepared and informed about the judging criteria and process.
- **Youth Department Manager - Tunisian Red Crescent, Msaken Sousse :** Oct 2019 to Jul 2020
  - developing and implementing programs/events and initiatives aimed at engaging and empowering young people in the community.