Abdellah ELAAROUB

Data engineering and AI student

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○ abdellahelaaroub   🌐 abdellahelaaroub.github.io/portfolio

Technical skills

- Data Analysis: *Python, R, SQL*
- Machine Learning: *TensorFlow, Keras, Scikit-Learn, Spark mllib*
- *Big Data: MapReduce, pySpark*
- *DevOps: Git, Docker basics*
- Data Visualization: *PowerBI, Matplotlib*
- NoSQL databases: *MongoDB, Redis*
- Frameworks: *Spring boot, Flask, Node.js, JEE, Bootstrap*
- Web Dev: *React*
- Mobile Dev: *Flutter*
- UI Design : *Figma*

Non technical skills

- Leadership
- Problem solving
- Teamwork and management
- Project management
- Adaptability and creativity

Interests

- Competitive programming
- Open source contributing
- Learning new skills

Trainings & Certificates

- Tensorflow developer
- Kaggle Intermediate ML
- IBM Introduction to Big Data with Spark and Hadoop
- Spécialisation Machine Learning Engineering for Production (MLOps)

Hobbies

- Mentoring and volunteer work
- Gaming

Language

- English [professional]
- French [professional]
- Arabic

About me

4th year engineering student specializing in data engineering and AI, highly motivated and passionate, with a strong interest in big data engineering. With a solid foundation in computer science, I am well-equipped to tackle complex problems and drive innovation in the field.
I am seeking an application internship starting in July.

Education

- 2021 - 2024: Data Science and Artificial Intelligence Engineering, | National School of Applied Sciences, Safi
- 2019 - 2021: Two-year post-secondary [**DUT**] in Data Science and BI, | Superior School of Technology, Essaouira
- 2017 - 2018: Baccalaureate degree in physical sciences, | Omar Elkhiyam high school, Dcheira Agadir

Professional Experience

- Document managment | Appolo web service   📍 Agadir, Morocco 📅 July 2022, Sep 2022
  - *Document management of a rental agency*
  - *Spring boot - JPA - MySql*
- Monitoring of a production chain | SITI TEA   📍 Marrakech, Morocco 📅 July 2021, Sep 2021
  - *Real-time dashboard for line-monitoring the process of making tea*
  - *Real-time detection of machine downtime in production*
  - *Collecting and storing data for future prediction of machine breaks*
  - *Flutter - Python-Flask - MognoDB - MQTT*
- E-commerce website | Manar Computer   📍 Agadir, Morocco 📅 Aug 2020, Sep 2020
  - *e-commerce website for the sale of electronic parts and services*
  - *HTML5 - CSS3 - JavaScript - Bootstrap - Flask - oracle sql server*

Projects

- Reinforcement Learning Agent using OpenAI Gym Environments
  - *Use and optimize multiple algorithms in the environment using Gym*
  - *Q-Learning - Policy Gradient - Monte Carlo Tree Search*
- SimplAI Plateforme
  - *Offering a plurality of datasets in all areas (+100 million)*
  - *Training downloadable machine learning models.*
  - *Angular - NodeJs - Tensorflow - MongoDb - Spark mllib - Docker*
- Smart Attendance application within face recognition
  - *Facial recognition technology for managing absences at ESTE.*
  - *OpenCv - Flask - Python-faceRecognition - JS - Firebase*

Leadership & Activities

- Lead and founder of Google Developer Student Clubs ENSA Safi   📅 2023
  - *Mentor, manage, and organize events and workshops at school to help engineering students learn how to code.*
  - *Prepare students for the Google Challenges and Hackathons.*
- Google developer groups marrakesh Organizer   📅 2022 - Present
  - *Manage and organize online and in-person events.*
- Co-lead and co-founder of ZeroDay club ENSA Safi   📅 2022 - Present
  - *Manage and organize events and workshops at school to help engineering students learn security and software development.*