

Aya El Janoussi

Computer Science and Microelectronics Engineering Student

Looking for an internship in Data Science/Machine Learning starting in April 2024

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Technical Skills

Programming Languages – Python, SQL, C, C++, Java, JavaScript, HTML & CSS, C#, VHDL

Frameworks – TensorFlow, Keras, Scikit-Learn, PyTorch, Streamlit, FastAPI, Django, PySpark, Hadoop

Tools – Docker, AWS SageMaker, Azure, VS Code, IntelliJ, Eclipse, Jupyter Notebook, Arduino

Work Environments – Linux, Ubuntu, Git, Github, Notion, Figma, Microsoft Teams, Slack

Work Experience

Software developer

Mar 2023 - Jun 2023

Wizwedge

Marseille, FR

- Designed an intuitive user interface for the application using Figma in alignment with the Brand Color Palette of the company.
- Co-developed the responsive mobile application compatible with both Android and iOS platforms using Flutter.
- Implemented XGBoost model to detect risk injury based on the biomechanical data of the runner with a 96% accuracy.
- Utilized PostgreSQL, integrated Django to handle data management, and deployed the application on Microsoft Azure.

Machine Learning Intern

Jun 2022 - Aug 2022

Green Energy Park

Ben Guerir, MA

- Set up Home Assistant adds-on (InfluxDb, NodeRed, Grafana) and Zigbee Home Automation Integration.
- Implemented Random Forest model using sensor fusion's weighted average technique with an accuracy of 88%.

Projects

- Speech recognition and Summarization of MP3 files using Vosk, recasepunc and HuggingFace transformers.
- NLP Sentiment Analysis Streamlit web application for text data using HuggingFace transformers pipeline.

Certificates

- Machine Learning with Python by IBM
- Python for Data Science by IBM
- BCG Data Science & Analytics virtual internship (ongoing)

Languages

- French: Bilingual
- English: TOEIC® Test score: 935 / 990
- Spanish: Beginner

Education

Ecole des Mines de Saint-Etienne

MSc. Nanosciences and Nanotechnologies

Gardanne, FR

Sep 2023 - Jun 2024

MSc. Computer Science and Microelectronics

Sep 2022 - Jun 2024

Ecole Hassania des Travaux Publics

BSc. Electrical Engineering

Casablanca, MA

Sep 2020 - Jul 2022

Interests

Philosophy, UX/UI design, Photography, Basketball and Novel writing