BELMONTE ELIAN

24 YEARS

DATA SCIENTIST

PERSONAL PROFILE

As a Data Scientist and Software Engineer with two years of professional experience, I am currently engaged in a full-time role at Swiss AviationSoftware. Here, I have the privilege of contributing to groundbreaking **Data Science** and **Machine Learning** initiatives, including AI Predictive Maintenance and applications of Large Language Models.

I'm currently looking for **new challenges and opportunities** with a company that want to make data its major asset.

SKILLS

- **Programming:** Python, Git, Docker, SQL, Java, C, JS/TS, HTML/CSS, Dart
- **Data Science:** Pandas, Numpy, SKLearn, Tensorflow/Keras, PyTorch, OpenCV, PySpark, Matplotlib
- **Cloud:** GCP & VertexAI, Azure
- **BI:** Tableau, PowerBI, Oracle BI
- **Back-end:** Flask, Django, Node.Js
- **Front-end:** Flutter, ReactJS, Angular
- **Networking:** Cisco CCNA1 & CCNA2
- **Languages:** French native language, English proficient level, German basic level (learning)

CONTACT INFORMATION

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WORK EXPERIENCE

Swiss Aviation Software, Switzerland
Data Scientist & Software Engineer - R&D department (08/2023 - Ongoing)
- Develop multiple productive Cloud-based GenAI applications (Advanced RAG chatbot, AI Agent...)
- Evaluation and monitoring of GenAI systems
- Develop predictive models and advanced machine learning solutions in the aviation industry
- Design and train DL models with TensorFlow & PyTorch
- Deploy, manage, & scale ML models on GCP & VertexAI
- Full-Stack development in Python, Java & Flutter

End-of-study project in Data Science - R&D department (02/2023 - 07/2023)
- Time series forecast with LSTM, XGBoost, ...
- Model testing and hyperparameter finetuning
- Data extraction, analysis and feature engineering
- Development of APIs and Flutter apps for visualization

Sonceboz SA, Switzerland
Computer science internship within the I4.0 department (09/2021 - 02/2022)
- AI and data analysis with Jupyter
- Refactoring of the MES web app (Angular & Ionic)
- Design of dashboards and data processing
- Creation of web applications and APIs REST
- AR/VR Sonceboz Logistic System project (Unity3D)

Manor Food Basel St.Jakob, Switzerland
Student commercial employee (2019-2021)

AMAC Aerospace Basel, Switzerland
One-month worker internship (January 2019)

EDUCATION

University of Technology of Belfort-Montbéliard
Engineering/Master degree - Computer science (2018 - 2023)
Specialization in **Data Science** & **Computer Vision**

Scheurer Kestner High school of Thann
Scientific High School diploma, High honor (2018)

ACTIVITIES AND INTERESTS

I practice running and take part in many races. I also participate in Kaggle competitions to become a better Data Scientist. I really enjoy creating new things and keeping up to date with the latest technological innovations.