Arnaud Barraquand

Personal information

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LinkedIn:
linkedin.com/in/arnaud-barraquand

Portfolio:
ukratic.github.io

Language skills

French: Native
Anglais: Fluent
Spanish, Russian: Limited Working Proficiency

Certifications

Google Data Analytics Certificate - 2022 (R, SQL, Tableau, Excel)

Tactical Shooting Instructor - 2017

Certificate of Proficiency in English - 2011 (Cambridge English, C2 level)
TOEIC - 2019 (990)

Driving licence

Technical skills

Programming: Python, R, SQL
Data processing: Pandas, Numpy, Scikit-learn
Dimensionality reduction: PCA, LDA
Data visualization: Tableau, Seaborn, Matplotlib, Plotly, ggplot2
Statistics: BA in Applied Maths
Machine Learning: Linear & logistic regression, SVM, Naive Bayes, Ridge, Lasso, Decision Tree, Random Forest, K-Means, DBscan, Boosting
Deep learning: Tensorflow, Pytorch, Transformers, CNNs, RNNs, LSTMs
Web: HTML, CSS, Dash
Tools: Microsoft Office, Google Workspace
Cloud: AWS, Google Cloud
Big Data: Cloud computing, Spark
Deployment: Docker, Heroku
Apps & dashboards: Streamlit, Tkinter, FastAPI
Telecommunications & networks: Radio, GSM, TCP/IP

Professional Experience

IMED Conseil
Computer Systems Administrator | January 2022 - April 2022 (Internship)
- IT Support on medical software & office networks
- Database migration, deployment of servers & multiple computers
- Development & integration of company website

French Army
Intelligence Specialist & Electronic Warfare Squad Leader | September 2018 - June 2021
- Orientation and planning of operations leading to the capture or neutralization of High Value Targets & military resources.
- Studies and presentations of intelligence reports
- Exploitation of intelligence and synthesis from different sources
- Developing new processes and formally writing their directives
- Analysis of telecommunication networks
- Company Adjutant : Management of day-to-day activities in a company (~100 people), budgetary management, service planning, administrative coordination

Signals Intelligence Technician | Mars 2015 - Septembre 2018
- Squad leader (5 to 10 people)
- Acquisition, identification and categorization of electromagnetic signals
- Tactical Shooting Instructor (teaching and ensuring safe training, tactical drills)

Voice Interceptor | April 2012 - March 2015
- Collection of intelligence of tactical or strategic relevance
- Operation of signals equipment, security systems and equipment management
- Tactical Training

Education

Jedha
Data Science Developer & Designer (Bachelor's Degree equivalent) | 2022-2023 (Certification pending)
- Python, Data analysis & visualization (Numpy, Pandas, Plotly, Seaborn...)
- Machine Learning (Supervised & Unsupervised) with Scikit-learn, XGBoost...
- Deep Learning (Tensorflow, Keras, Transformers...)
- Data management, ETL process
- App deployment, data projects (cf GitHub)

CESI
IT Support Technician (Associate Degree equivalent) | 2021 - 2022
- OSI model, TCP/IP networks, Windows & Linux OS, Active Directory
- Installation and maintenance of hardware and software, customer support

French Army
SIGINT Technician | 2015 - 2016
- Telecommunication systems and procedures
- Intelligence acquisition techniques ; Tactical training ; Morse Code

Lycée Alexandre Dumas - French High School in Moscow
High School Diploma | 2008