Personal information

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LinkedIn: in
linkedin.com/in/arnaud-barraquand

Portfolio:
ukratic.github.io

Language skills

French: Native
Anglais: Fluent
Spanish & Russian: Elementary

Certifications

Google Data Analytics Certificate - 2022 (R, SQL, Tableau, Excel)
IBM Cybersecurity Analyst Certificate - 2023 (IT, vulnerabilities & framework)

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

Driving licence

Technical skills

Programming & scripting: Python, SQL, Powershell, Bash
Office: Microsoft Office, Google Workspace
OSINT: Maltego, Shodan, GIS, SOCMINT
Apps & dashboards: Streamlit, Dash, Tkinter, FastAPI
Web: HTML, CSS
Hosting: GCP, AWS, Heroku
Data Science
Data preprocessing: Pandas, Numpy
Scraping: Beautifulsoup, Scrapy
Data visualization: Matplotlib, Plotly, Seaborn, Folium, Tableau, Gephi
Machine Learning: Scikit-learn, Tensorflow: Linear & logistic regressions, Random Forest, Clustering, Neural Networks
IT & Telecom
Telecommunications & networks: Radio, SDR, GSM, UMTS & LTE standards, TCP/IP
Big data & Cloud: AWS, Google Cloud, Cloud computing
Containers & VMs: Docker, VMWare, Kubernetes
Cyber tools: Wireshark, Kali Linux

Arnaud Barraquand

Professional Experience

Ineo Defense
COMINT Integration & Validation Engineer | April 2023 - Current position
- Participation in the definition of the test strategy, integration & validation plans
- Carrying out test campaigns on platforms, bug reporting & fixing
- Deployment & integration, on-site training & support
- Technical expertise, advising project management on the operational needs of Defense & Telecommunications programs

IMED Conseil
Computer Systems Administrator | January 2022 - April 2022 (Internship)
- IT Support on medical software & office networks, oversight of the security solutions
- Database migration (SQL), computer & server deployment, company webmaster

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.
- Leadership & coordination of SIGINT teams' efforts in support of other units, studies and presentations of intelligence reports
- Developing new data gathering & analysis processes, "in-house" solutions (Python, electronic devices) and formally writing directives & regulations
- Company Adjutant : Management of day-to-day activities in a company (~100 people), budgetary management, service planning, administrative coordination

Signals Intelligence Technician | March 2015 - September 2018
- Acquisition & identification of electromagnetic signals (radio, GSM, satellite)
- Analysis of telecommunication networks (radio, mobile, satellite...), managing & feeding technical databases
- Tactical Shooting Instructor (teaching and ensuring safe training, tactical drills)
- Squad leader (5 to 10 people)

Voice Interceptor | April 2012 - March 2015
- Interception of adversary signal emissions
- Collection of intelligence of tactical or strategic relevance
- Operation of signals equipment & security systems, equipment management

Education

Jedha
Data Science Developer & Designer (Bachelor's Degree eq.) | 2022 - 2023
- Python, Data analysis & Visualization
- Machine Learning, Supervised & Unsupervised, Deep Learning
- Data management, ETL process, app deployment and data projects

CESI
IT Support Technician (Associate's Degree eq.) | 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, radio & mobile networks
- Intelligence cycle, acquisition techniques & tactical training

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