

# Personal information

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## LinkedIn: fin

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# Portfolio:



# 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)

2023 (11, vuirierabilities & 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,

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

- 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