



## Personal information

### Phone number:

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### LinkedIn:

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### Portfolio:

ukratic.github.io

## Language skills

**French:** Native

**Anglais:** Fluent

**Spanish:** Intermediate

**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, R, SQL,

Powershell, Bash

**OSINT:** Maltego, Shodan, GIS, SOCMINT

**Office:** Microsoft Office, Google Workspace

**Apps & dashboards:** Streamlit, Tkinter,

FastAPI, Heroku

**Web:** HTML, CSS, Dash

### **Data Science**

**Data preprocessing:** Pandas, Numpy

**Scraping:** BeautifulSoup, Scrapy

**Data visualization:** Matplotlib, ggplot2,

Plotly, Tableau, Looker

**Statistics:** BA in applied Maths

**Machine Learning:** Linear & logistic

regressions, Random Forest, Clustering

**Deep learning:** Tensorflow, CNNs, RNNs

### **IT & Telecom**

**Telecommunications & networks:** Radio,

SDR, norme GSM, TCP/IP

**Big data & Cloud:** AWS, Google Cloud,

Cloud computing

**Containers & VMs:** Docker, VMWare

**Cyber tools:** Wireshark, Kali Linux

# Arnaud Barraquand

## Data & Intelligence Analyst

## Professional Experience

### IMED Conseil

#### Computer Systems Administrator | January 2022 - April 2022 (Internship)

- IT Support on medical software & office networks
- Oversight of the security solutions for virus & malware detection (ESET Protect)
- Database migration (SQL), deployment of servers & multiple computers
- Development & integration of company website (HTML, CSS, hosting)

### 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
- Exploitation of intelligence and synthesis from different sources, 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 and categorization of electromagnetic signals (radio, GSM, satellite)
- Analysis of telecommunication networks (radio, mobile, satellite...) & 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 (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'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 acquisition techniques ; Tactical training ; Morse Code

### Lycée Alexandre Dumas - French High School in Moscow

#### High School Diploma | 2008