23 years old

🏠 Paris, France

✉ maxime.pc.pro@gmail.com

in *maxime-popot-chapuis*

LANGUAGES

Anglais, *fluent*
TOIEC (885), travel, ERASMUS,
literature, cinema

Spanish, *academic*
Language exchanges,
Courses since 8th grade

SKILLS

Personal :

· Sens of responsibility, critical thinking

· Communication skills

· Unifying

Technical :

· Web/software programming :
PHP, NodeJS (ExpressJS), Java, Robot Framework,
FastAPI, Arduino

· Data Science :
Python (TensorFlow, Pandas, Numpy, Matplotlib,
Scikit-learn, OpenCV), R

· Database :
SQL (MySQL, PostgreSQL), CQL (Cassandra)

· Software/Data : Power BI, Matlab, R

· Tools : Git (GitHub, Gitlab), Jira, Xray, VMware,
Virtual Box, AWS, Docker, WSL, Arduino, Tiva C,
Ubuntu (in *dual-boot*)

HOBBIES

· Fencing (14 years)

· Classical literature

· History of art

· Scouting

Maxime POPOT-CHAPUIS

Test & Data Engineer

EDUCATION

Engineering degree | ISEP - École d'ingénieur du numérique | 2021 – 2023
Higest honors, specialized in Data and complementary IoT:

– Data analysis & Machine Learning : statistics, probabilities, manipulations of data in different formats and visualization of results, optimization algorithms, unsupervised learning with **Python**

– DB : managing a stock market data lake with Apache Airflow/Spark

– **IoT**: application Web3 référençant les monuments historiques avec un dataset de l'INSEE avec Protégé, **Python** (RDFLib) et Pillow pour la gestion des coordonnées avec l'api Google Maps

– IS management: Virtualization, using AWS, creating a microservice architecture web application

– Embedded system: Design of a psycho-technical testing platform including stress analysis, voice recognition, bridge to website

– **Telecommunications:** benchmark of 7 technologies (Wifi, Bluetooth, Z-wave, 4G...) and choice for the on-board system, estimation of costs, data rates...

Classes préparatoires | CPA at Stanislas college | 2018 – 2020
Classes préparatoires MPSI / PSI :

– Building a persistence clock scripting with Arduino

– Study of the Voith-Schneider cycloidal thruster (TIPE on the theme of the Ocean)

– Internship: scripting with Python and introduction to data analysis

PROFESSIONAL EXPERIENCE

HeadMind Partners | Consultant | September 2023 - | Paris
Data Quality Manager in a major European bank

Bouygues Telecom | Test Lead | 2 years - September 2021 – August 2023 | Paris
Apprenticeship in Technopôle's Provisioning department :

– Implementation of an automated testing strategy with **Robot Framework**

– Involvement in the entire NR process, from specification to patch application, with a team of developers in Portugal (20 people)

– Systematic piloting and publication with **Jira** and **Xray** (200 tests, 20 MEPs)

– Reservation of JDDs on the various benches with the Cassandra DB

– Creation of a pipeline for continuous delivery using the GitLab pipeline

– **Python** and **Bash** scripting to complete the workflow

– Training of teams in Portugal and Nantes in new tools (Python (Robot, Selenium...), Git)

Junior ISEP | Project Manager | 1 year - October 2020 – July 2021 | Paris
Study management :

– Project follow-up from signature to archiving

– Customer relationship management

– Negotiation, contract drafting, risk management, customer care

– Recruitment and management of consultants

Business development (10% of sales):

– Prospect qualification

– Objective telephone prospecting

– Drafting of technical and functional specifications

– Response to national calls for tender

PROJECTS

Training in Deep Learning and data manipulation | October – January 2023
Specialty project major :

• Image segmentation according to 11 different classes by implementing the Unet algorithm on TensorFlow Python, project monitored and evaluated by Dr. Grégoire MESNIL

• Development of a web application for analyzing tweet campaigns using the RoBERTa (BERT tuned) model on 5 natural language understanding tasks (project with TSI in Latvia). Creation of a web platform (with Docker) and creation of an API with FastAPI

• Completion of the *Deep Learning Specialization,* a course given by Dr. Andrew NG on deep learning (MLP, RNN, CNN, NLP...) and its application (25 TPs)

Data analysis training projects | February – May 2022

• Creation of an interactive Power BI dashboard to analyze the sales of a supermarket chain

• Application of academic methods to the "vinho verde" dataset

Web development

• Creation of my personal website with the ExpressJS framework, VPS management

• Creation of showcase and shopping sites with WordPress and Elementor, creation of a plugin to meet customer needs

• License project: creation of a website from scratch to track users of our embedded system, with a forum, back-office...