



# Marc Partensky

📍 Paris - 20e | 📞 +33 7 67 44 36 62 | ✉️ marc.partensky@gmail.com | 🌐 marcpartensky.com | 📄 github.com/marcpartensky | 🕒 Availability: now

## Education

### Institut Supérieur d'Électronique de Paris (ISEP)

Engineering Degree

2018/09 - 2023/09

Paris Montparnasse - France

- Major: **Business Intelligence**
- Relevant Courses: **Machine learning, Data Analysis, BI Tools, Databases & Big Data, AI & Optimization, Data Science, Algorithmics and Semantic Web**
- Teamwork: Conducted multiple statistics projects using **Data Science** tools (**Khi-squared test, Random Forest, ANOVA**) and machine learning algorithms (**Logistic Regression, SVM, KNN**) on **Python**

### Transporta un Sakaru Institūts (TSI)

Erasmus program

2023/02 - 2023/04

Riga - Latvia

- Completed a 3-month intensive international study program in Riga with a focus on **Data Analytics**
- Relevant Courses: Theory of System and System Analysis, Research Methodology, **CSR**
- Teamwork: Led the development of a **Python** algorithm in a research project aimed at analyzing emotions from text, Presented our results during the 43rd Research and Technology Conference at TSI

## Experience

### BNP Paribas Group

Data Analyst - Apprenticeship

2022/09 - 2023/09

Montreuil - France

- Implementation and deployment of a web application using **NodeJS** and **PostgreSQL** enabling the verification of the application of IT Group Production governance processes to comply with audit standards
- Management of the **IBM cloud** with a **RHEL** virtual machine in conjunction with the BNP Paribas proprietary Single Sign-On (**SSO**)
- Used **Dataiku** and **Tableau** to achieve modern data manipulation for agile extraction, efficient cleaning, and transformation of critical data for the executive committee

### Numéris - Student association

Technical Chief Officer

2022/09 - 2023/09

Paris Montparnasse - France

- Developed new features and fixed critical bugs for the **ERP** of the association the stack **Laravel, Angular** and **PostgreSQL**
- Managed the technical infrastructure of the association achieving €71.000 turnover in 2022 and providing interim missions for students

### Junior ISEP - Student association

Technical Officer

2021/04 - 2022/06

Paris Montparnasse - France

- Technical and functional administration of the entire information system of the junior-enterprise achieving €200k turnover in 2021 using **Proxmox, Docker, LDAP, GitLab** but also **Edge Router, PiHole, Caddy**
- Development of an **ERP** with the **Spring Boot, React**, and **PostgreSQL** stack, and a **CRM** with the **Symfony, React**, and **PostgreSQL** stack
- Technical validation of commercial proposals, estimation, and technical project follow-up

### Pickup Services, subsidiary of La Poste Group

Software Engineer - Apprenticeship

2020/12 - 2022/01

Saint Ouen - France

- Development in **C#** allowing to dynamically translate a **React** website by loading texts from a **MongoDB** database
- Fixing graphical bugs and adding functionalities to the tool for simulating packages in the information system, using **JavaScript** and **ASP.Net Core**

## Skills

### Spoken languages

English: C1, Spanish: B2, TOEIC: 945/990

### Programming languages

Python, Javascript, Java, C#, C++, PHP, SQL

### Containerization

Docker, Podman, Docker Swarm, Kubernetes

### Linux distributions

RHEL, Debian, Alpine, Arch Linux, Nixos

### Frameworks

Django, ReactJS, NestJS, Laravel, ASP.Net Core

## Interests

### Self-hosting home on a nixos computer

personal website, file server, mail server, password manager, ldap sso, traefik, cloudflare tunnels

### Software Craftmanship

neovim, hyprland, arch linux, design patterns, scrum, agile methodology, TDD

### Scuba diving: CMAS level 2

8 dives in Sanary-sur-Mer, 17 dives in Phuket in Thailand

## Certifications and awards

### 5 Certificates in Deep Learning

Coursera

03/2020

### Greencode Hackathon

ISEP, Outscale subsidiary of Dassault

10/2022

### FRHack Hackathon

ANFR: National Frequency Agency

11/2022

5 certificates about Neural Networks, Hyperparameter tuning, Regularization, Optimization, Structuring machine learning projects, CNN, and RNN with NLP

Winner in team of 2 with 71 contestants of the Greencode hackathon that aims to save energy consumption on a given Python code by rewriting a better version while maintaining its main purpose

2nd place in team of 3 with 25 contestants of the FRHack hackathon which aimed to predict patterns in people's behaviors in order to classify different areas within a region, thereby better ensuring network availability