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EDUCATION

MSc in Artificial Intelligence, Systems, Data (IASD) ^(a) Paris-Dauphine – PSL University <i>Subjects: Machine Learning, Deep Learning, Optimization, Image Analysis.</i>	2019 – 2020 Paris, France
MSc in Executive Engineering ^(b) <i>Minor: Data Science</i> <i>Subjects: Software Engineering, Databases, Probability, Statistics, Operations Research.</i>	2017 – 2020 Paris, France
Mechatronics Engineer (5-year degree) ^(c) University of São Paulo (USP) <i>Obtained a 1-year scholarship for an international exchange at the University of Valenciennes (France).</i> <i>Teaching assistant (6 mos.): conducted workshops on numerical analysis using MATLAB.</i>	2013 – 2020 São Carlos, Brazil

WORK EXPERIENCE

Research Intern (6 mos.) / Research Engineer (since Mar. 2021) ^(d) <i>Working on 2D/3D X-ray tomography segmentation with U-Nets [unet, unet3d].</i> <i>Talked at a seminar at , the Journée ISS France, and the week-course CVML 2021.</i>	since Sep. 2020 (6 mos.) Évry (Parisian region), France
Research & Development Intern ^(e) Mindsay <i>Evaluated explainability methods [lime, anchors, shap] on layperson-maintained NLP models (classification task).</i>	2020 (5 mos.) Paris, France
Data Scientist Intern ^(f) Datadog <i>Analyzed and developed algorithms for time series, tag analysis, and a knowledge graph.</i>	2019 (7 mos.) New York, USA
Software Engineer Intern ^(g) Kelda Drilling Controls <i>Modeled and designed a time series annotation tool for supervised machine learning.</i>	2018 – 2019 (8 mos.) Porsgrunn, Norway
Back-end Developer/Data Scientist Intern Stone Co.	2017 – 2018 (3 mos./2 mos.) Rio de Janeiro, Brazil

PROJECTS

tomo2seg (??) Tomography segmentation with deep learning (since Sep. 2020) [tomotoseg].
pymdr (??) Implementation of liuMiningDataRecords2003 [liuMiningDataRecords2003] in Python (1 mo.) [pymdr].
Sunlight simulator (??) Head of the project; developed a 3D motion simulator in Python (9 mos.) [sunlight].
Smart coffee machine (??) Developed a web server in .NET (C#) and an Arduino controller (C++) (4 mos.) [smartCoffee].

SKILLS & PERSONAL INTERESTS

English (C1): fluent, worked in English speaking companies for 1 year, obtained TOEFL 117/120 (2020).

French (C2): fluent, read subjects in French for 3 years, worked in French organizations for 1 year.

Portuguese: native.

Programming:

Python (??-??) (NumPy, SciPy, Matplotlib, Pandas), MATLAB (??), Java (??), JavaScript (React, Redux) (??).

Databases MongoDB (??), InfluxDB (??), PostgreSQL (??).

Deep learning TensorFlow (??), Keras (??).

Prototyping Streamlit (??), Jupyter Lab (??-??), Jupyter Notebook (??-??).

Others ImageJ (??), Avizo (??), GitLab (??), Git (??-??), Bash (??-??), Docker (??).

Writing and content creation: Google Suite, LaTeX, Markdown.

Personal interests: skydiving, podcasts (especially about politics), has been in 18 countries.