Paris Mollo
Computer Science & Engineering

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About me
- Passionate about science, smart city technologies and robotics.

Languages
- Portuguese; English; French.

Skills[1]
- AWS Cloud[2]; Java; Python; C; Tensorflow; Scikit-learn; SQL; Numpy, Linux; PHP; Git; Arduino, Pandas, OCaml, Processing.

Experience

Amazon (AWS), Paris - Software Engineer/Project Mgmt (mid June 2022 — September 2022)

- Design and Development of AWS internal application. The application automates the transformation of project management data (csv/json) into beautiful presentations (pptx/pdf) for customer meetings.
- Design and Development of AWS internal data application (with aws cloud architecture) for time series forecasting *(machine learning project).* **Results:** Project 1 is 6x times faster than current approach and Project 2 improved forecast accuracy from ~55% to ~83%

CERN Program, Paris - Software Engineer/Project Mgmt (January 2021 — February 2021) (certification/competition)

- CERN Idea-square workshop on project prototyping and design[3]. Designed and prototyped a project (data cleaning pipeline automation for flood forecasting) which ended up among the top 5 projects of the competition.[4] **Results:** Solution could be up to 5 times faster than the current approach.

Crowd4SDG, Paris - Software Engineer/Project Mgmt (October 2020 — November 2020) (certification/competition)

- I was responsible for leading the Potamoi team, which presented possible solutions to problems related to data collection and data cleaning for flood forecasting in third world countries, such as Burkina Faso. I spoke with experts and leaders in the field of flood and natural disaster management, who helped me formulate the Potamoi project.

Botmind, Paris - Software Engineer / Data Analyst (September 2019 — December 2019)

- Data Cleaning & Data Labeling for Chat bot. Creation of a script for qualification of prospects and development of an application module. **Results**: Processed and labeled over 700 user interactions with chatbot.

Tedx Talks, Aix En Provence - Speaker (December 2018 — March 2019)

I had the opportunity to assess the multiple effects of NEETS on the global economy and discuss how we can use technology to help young people collaborate on projects.[5]

WeCashUp, Marseille - Software Engineer / Data Analyst (May 2018 — September 2018)

- Implementation of the Hyperledger Fabric system. (IBM Blockchain)
- Creation of a business network with Composer Hyperledger.
- Development of smart contracts with EVM. **Results:** improve application security and transparency.

Education

Université Paris Cité, Paris- BSc Computer Science L3

(in progress)

Université d'Aix Marseille & UPEC, Aix / Paris- BSc Economics

(completed)

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[1] https://github.com/parismollo/parismollo.github.io/tree/main/certifications
[2] AWS Cloud Practitioner Certificate
[3] IdeaSquare CERN : https://ideasquare.cern
[4] Uparis: Potamoi project : https://u-paris.fr/des-etudiants-mobilises-autour-des-enjeux-climatiques/
[5] Ted Talk Paris Mollo : https://www.ted.com/talks/paris_mollo_trace_its_own_way