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STÉPHANE COUVREUR

SKILLS

A young team playing data engineer, passionate about real-time and distributed systems.
My experience is in cyber security and computer vision for medical images.

EXPERIENCE

Cloudflare, Lisbon — *Data Engineer*

JAN 2021 – PRESENT

- Developed pipelines in Spark monitored by Airflow to incorporate infra and CRM data.

Feedzai, Lisbon — *Data Scientist*

OCT 2018 – DEC 2020

- Developed ML models detecting transaction fraud with 78% money recall at 1% FPR in PySpark.
- Supported JVM production systems with >2k event/s throughputs and <200ms latency at 99.999%.
- Built Spark pipelines on Hadoop clusters to train models on >1B rows of historical data.

Great Ormond Street Hospital, London — *Research Assistant*

JUN 2017 – SEP 2018

- Worked cross-functionally with engineers and clinicians on applications of data science in paediatric cardiology, using unsupervised ML to discover clinical patterns in MRI images.
- Accelerated MRI segmentation using CNNs, whole-heart workflow achieved an AUC of 0.752.
- Won 2 successful grants from NVIDIA and Medtronic totalling £2,500.

EDUCATION

UCL, London — *Master of Engineering (1st Class, Hons)*

SEP 2013 – JUN 2017

- Specialized in Computer Science and Medical Imaging.

DISTINCTIONS

Feedzai Hackathon Brand Award – OCT 2018 – Awarded for creating a team slide interface to Google Slides by scraping HR data from Namely, competed against 27 teams.

EPSRC Studentship Prize – SEP 2017 – Awarded for the best summer studentship research project from a pool of 12 candidates.

Blonstein Prize – NOV 2016 – Awarded for best overall performance in Design as a 3rd year student.