

# ILAN DUBOIS

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## Machine Learning Engineer

### WHO AM I?

I am a software engineer with a strong focus on data science and have worked on different topics such as mobility, remote sensing and classifieds. In my university years, I have spent a lot of time getting my hands on all kinds of computer-related problems such as low level, cryptography, graph theory... Among those, I decided to get a specialization in data science. In the past, I've had the opportunity to work in France, Korea, and Germany, with very diverse people in multicultural teams. I consider it one of my biggest strengths.



### EXPERIENCE

- |                                      |  |         |
|--------------------------------------|--|---------|
| Since Oct 2023<br><i>Remote</i>      | <b>Sr. Machine Learning Engineer</b><br>Focus on developing and scaling re-ranking systems for our different businesses<br>Definition and implementation of our re-ranking standards (data pipeline, monitoring, deployment)<br>Mentoring and training of two different interns which ultimately lead to two hiring<br>SQLR / Python / Spark | OLX     |
| Apr 2021 - Oct 2023<br><i>Remote</i> | <b>Machine Learning Engineer</b><br>Working with product to power new user flows with ML (recommendation, delivery prediction, ...)<br>Participation to setting company wide standards and tooling adoption (MLFlow, Evidently, ...)<br>Participation in the development of an internal online model server<br>Terraform / Python / Airflow  | OLX     |
| Jan - Sep 2020<br><i>Remote</i>      | <b>Co-Founder</b><br>Research and develop a scalable data pipeline for satellite imagery<br>Infrastructure development and maintenance<br>Research and optimize product and business model<br>Python / Rasterio / Docker   | RUUMI   |
| Jan - Dec 2019<br><i>Germany</i>     | <b>Data Scientist</b><br>Research and implementation of speed and transition cost estimation at a city level<br>Deployed to production data pipelines on a K8S environment<br>ML workflow orchestration setup with Argo<br>Networkx / Kubernetes / Argo  | DAIMLER |
| Apr - Oct 2018<br><i>South Korea</i> | <b>AI research engineer</b><br>State of the art Q&A system implementation in PyTorch<br>Elastic Search proximity search based dialog engine implementation<br>PyTorch / Elastic Search / NSML  | NAVER   |

### EDUCATION

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|-------------|--|-------|
| 2013 - 2018 | <b>Master of Engineering in Computer Science</b><br>Machine learning, Graph Theory<br>Algorithms / Data structures | EPITA |
| 2015        | <b>Computer Science</b><br>Exchange student in South Korea for one semester<br>Object Oriented Programming         | EWHA  |