Isabelle Dubois

Paris, France

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Education

École Polytechnique

Diplôme d'Ingénieur (Master's Degree equivalent) in Computer Science

Sep 2018 – Aug 2022 | Palaiseau, France

Specialization: Artificial Intelligence

Lycée Louis-le-Grand

Classes Préparatoires aux Grandes Écoles (MPSI/MP*)

Sep 2016 – Jun 2018 | Paris, France

Work Experience

AI Research Scientist | INRIA | Sep 2022 - Present | Paris, France

- Conducted research in computer vision, focusing on object detection and semantic segmentation using deep learning.
- Published research findings in top-tier AI conferences (CVPR, ICCV).
- Developed novel algorithms and implemented them using PyTorch and CUDA.
- Mentored junior researchers and interns.

Skills

Programming: Python, C++, MATLAB

Machine Learning: PyTorch, TensorFlow, Scikit-learn, Computer Vision, Deep Learning, NLP basics

Libraries: OpenCV, NumPy, Pandas

Cloud Platforms: AWS (SageMaker, EC2), GCP (AI Platform)

Tools: Git, Docker, Jupyter Notebooks

Methodologies: Scientific Research, Algorithm Development, Experiment Design

Other Skills: Mathematical Modeling, LaTeX, Academic Writing

Certificates

NVIDIA Deep Learning Institute: Fundamentals of Deep Learning

Awards

Research Grant Recipient – French National Research Agency (ANR)

Best Paper Award Nomination – AI Conference 2023