

Valade Florian

Seeking a Research Position

Email: florian_val@outlook.fr
Phone: +33 6 17 57 19 12
LinkedIn: [florian-valade](https://www.linkedin.com/in/florian-valade)
GitHub: github.com/FlorianVal
Website: fvalade.fr

EDUCATION

University Gustave Eiffel PhD in Efficiency of Deep Learning Algorithms	Paris, France 2022 – Jan. 2026 (defended)
ECE Paris Master's Degree in Computer Science, Big Data and Machine Learning	Paris, France 2021
L'Espérance High School High School Diploma in Science	Paris, France 2015

PUBLICATIONS

EERO: Early Exit with Reject Option (2025) - Research on statistical techniques for optimizing early exit mechanisms in classification tasks.	UAI 2025
Accelerating Large Language Model Inference with Self-Supervised Early Exits (2024) - Extension of early exit techniques to Large Language Models for efficient inference optimization	

EXPERIENCE

Fujitsu AI Research Engineer – [ADAPTER: Description du poste actuel - recherche, développement, projets en cours]	Paris, France Jan. 2026 – Present
Fujitsu - University Gustave Eiffel PhD Candidate, Research Engineer – Optimizing deep learning algorithms for recognition on embedded cameras using statistical techniques on Early Exit. – Training and fine-tuning Large Language Models. – Created multiple internal projects to improve workflows of collaborators using LLMs, fine-tuning, computer vision and data curation/validation. – Managing servers with multiple GPUs for training and inference. – Taught Computer Vision and Natural Language Processing (NLP) classes to Master 2 students.	Paris, France 2022 – Jan. 2026 (PhD defended)
Fujitsu Data Scientist – Developed and managed projects in computer vision and deep learning.	Paris, France 2021 – 2022
Fujitsu - ECE Paris Data Scientist Apprentice, Specialized in Computer Vision – Trained and applied computer vision and machine learning techniques.	Paris, France 2018 – 2021

- Developed demonstrations in deep learning.

SKILLS

- **Programming Languages:** Python, Java, C#, C, SQL
- **Frameworks and Tools:** Pytorch, Tensorflow, Docker, Git, JAX, MLX
- **Development and Systems:** Front End with React, DevOps, Network, Distributed Computing, Cyber Security, System Administration
- **Languages:** English (Fluent), French (Native), Spanish (Intermediate)
- **Soft Skills:** Curiosity, Problem Solving, Communication, Collaboration, Team Work

PROJECTS

- FreshDetect (PyTorch and Docker, 2022)
 - Data scientist
 - Developed an end-to-end solution for real-time classification of fruits and vegetables in supermarkets using deep learning. Integrated with store systems through containerized microservices.
- Handterpret (Tensorflow and electronics, 2020)
 - Project Manager for end-of-study project
 - Detected hand position using infrared sensors on the wrist.
- AutoCradle (Tensorflow and electronics, 2017)
 - Team project
 - Implemented automatic detection of baby cries to activate the rocking of the cradle.