



Titouan Le Gourrierc

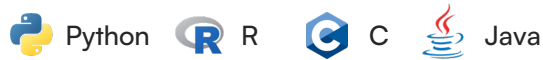
Engineering student at the IMT Mines d'Alès
Computer Science and Artificial Intelligence Department

Contact

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- driving licence
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- <https://github.com/titouanlegourrierc>

Skills

Programming language :



Libraries :



Frameworks :



Version management and collaboration :



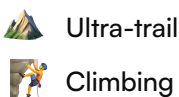
Soft skills :

Problem Solving, Creativity, Team management

Languages

- Fr** French (native speaker)
- En** English (B2 - Advanced professional skill)
- Sp** Spanish (B1 - Limited professional skill)

Hobbies



Experiences

- Research assistant intern for INRAE**
Jan 2024 — Apr 2024 Montpellier, France
Development of a machine learning model for the detection and segmentation of foliar diseases on wheat leaves.
This research work is part of a thesis: "Genomics and evolution of plant-plant interactions: application to the cultivation of varietal mixtures for pesticide-free agriculture."
Skills :
 - Instance and semantic image segmentation
 - Object detection
 - Image pre-processing
 - Building an analysis pipeline

Python OpenCV
- Intern for Lafarge**
May 2023 — June 2023 Toulouse, France
Project manager for the study of the implementation of a new service offered by Lafarge: SiloConnect (connected sensor installed on customers' cement silos, enabling automatic delivery above a certain threshold)
 - Market research
 - Operational research into the possibilities for optimizing deliveries throughout France
 - Calculation of savings and potential reduction in carbon footprint
- Intern for Oasis Smart-SIM**
Nov 2023 — Dec 2023 Aix-en-Provence, France
Project manager for the study of the creation of a new activity in the SIM card field: the cloud-SIM (SIM totally dematerialized and attributable to different devices with flexibility).
 - Technological positioning of the innovation
 - Market and competition study
 - Analysis of use cases
 - Analysis of opportunities and key issues

Education

- Engineer School — IMT Mines Alès** 2022 — 2025
General engineer degree — Computer Science and Artificial Intelligence Department
- High School — Lycée Henri Loritz, Nancy** 2019 — 2025
Preparatory class for "Grandes Ecoles" (PCSI — PSI*)