Pierre Kibleur

Ph.D., Engineer in CSE

pierre.kibleur@gmail.com • +33 (0)6 09 90 18 77

French nationality . Driving license B





Competencies

Coding: C/C++, Python, Matlab, Bash, shell, CUDA, Basic, C#, LaTeX

-B.Sc. Physics; Erasmus+ exchange at ULB, Brussels

Libraries: Pandas, Scipy, scikit-image, OpenCV, TwinCAT, Keras, PyTorch, TensorFlow, numpy **Software:** Git, Dragonfly, Avizo, VGStudio Max, Fiji, Abaqus, Solid Works, Fusion 360, Visio **Environments:** Linux/Windows, Vim, Atom, Visual Studio, Jupyter, Overleaf, Microsoft Office Suite **Soft skills:** Project management, Multidisciplinary collaboration, Communication, Adaptability

Selected publications (3/24)

Composites Science and Technology: Implemented the deep learning segmentation of 3D ag-	2022
gregates in complex composite fiber materials, doubling the accuracy of other works	
Scientific Reports: Exploited the advanced physico-chemical properties of materials and X-rays	2022
to optimize the detectability of adhesives embedded in renewable composite materials	
International Conference on Intelligent Robots and Systems: Developed a 3D algorithm for the	2017
autonomous control and navigation of air/sea-borne robots, which has been cited over 30 times	

2011-2015

Languages Hobbies

English/French: Fluent Competition rowing: twice Belgian champion **Russian/Dutch:** Limited proficiency Sailing, flute and saxophone