



Apemill

Skills Sheet

Company overview

Apemill is an independent R&D lab specialized in robotics, computer vision, virtual reality, high constraints development, and state of the art technologies and industrialisation. We're experienced in developing industrial systems and are able to leverage bleeding edge technologies, as well as putting together solutions necessitating state of the art research.

Skills

- Robotics
- Embedded systems
- Computer vision
- 3D printing / Prototyping
- Neural network [IA] and machine learning
- Specialized, platform agnostic software development
- Virtual reality
- Computer networking
- Web development
- Smart automation

Programming languages: C, C++, Python, Java, Karel, Matlab, Web, VB, JS

Libraries / APIs: Docker, UE4, Cuda, Qt, ROS, Matlab, Angular, VueJS, NodeJS

Operating systems: UNIX/Linux (Ubuntu, Debian, Archlinux), Windows

Project examples

- **Consulting and training** in industrial development (Security, Robustness)
- Cross platform **web application** development
- 3D conception and modelling
- Integration and development of **virtual reality** solutions
- Complete autonomous vision systems
- Smart **industrial robot** control systems
- Real-time singularity prediction and trajectory planning for robots
- Systems and interfaces for **industrial communication**
- **Monitoring/Supervision** and data protection

Contact

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