

FULL TIME / PARIS, FRANCE

**IMAGE PROCESSING ENGINEER** M/F**1 OUR MISSION**

**We believe in a future where nature and technology could blend, to address the next technological challenges.**

Woodoo is specialized in groundbreaking biomaterials based on the structural transformation of wood at the molecular level. Our wood materials can be translucent and tactile, or 4 x sturdier and weather resistant, with applications in automotive, aeronautics, luxury or consumer electronics. We are here to help the industry reduce its carbon footprint by providing alternatives to carbon-emissive materials. We strive to produce renewable materials from regenerative forestry. Woodoo has won more than 40 major international and national awards (from MIT, World Economic Forum, Horizon H2O2O, Solar Impulse Foundation...).

**2 JOB DESCRIPTION**

In the midst of a growth phase, we are now looking for an additional person to open our new Vision Unit. Your objectives will be to develop and implement optical quality control solutions for our production lines. You will work with our teams of optical, quality and production experts. You will be responsible for the exploitation and interpretation of data from the imaging system and contribute to a better qualification of our nature-based products.

- Be creative and make proposals on possible technical solutions
- Design and develop computer vision algorithms specific to the characterization of products
- Assume the technical lead and the implementation of the solutions
- Define the tools and the peripheral software architecture
- Manage and coordinate the different parts

**3 YOUR QUALIFICATIONS**

- You have an engineering degree or equivalent university degree (BAC+5 / PhD) in Computer Vision
- You have just finished your PhD or have a minimum of 2 years experience in the field of computer vision in the industry.
- You have excellent programming skills in Python and/or C++.
- You have previous experience with OpenGL, Git, OpenCV, Tensorflow, AWS, ... ? This is a plus!
- You have a good ability to make deductions and to detect sources of problems
- Initiative, autonomy, pragmatism and relational skills are part of your DNA
- Fluency in English is essential (fluent level required)
- You want to work in a dynamic startup. You are curious, not only about new technologies but also in many fields in general

**4 FEELING LIKE JOINING OUR TEAM?**

Please send us your resume and detailed motivations to [sebastien@woodoo.com](mailto:sebastien@woodoo.com)

To apply directly on our website, [click here](#)

For faster internal processing, please name your documents as the following: Forename Surname\_CV or CL.

Feel free to add any miscellaneous document that can support your application. We will make sure to review your application and get back to you as soon as possible.

Woodoo is committed to building a diverse team and an inclusive environment where all employees belong. Women, gender-expansive individuals, people of color, of all ages, individuals with disabilities, and LGBTQ+ candidates are strongly encouraged to apply.