



MICROOLED

INNOVATIVE AMOLED SOLUTIONS

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MICROOLED, a human sized company develops, manufactures, and sells OLED microdisplays with very high resolution, outstanding image quality, and high power efficiency for applications like electronic viewfinders, head mounted displays, wearable Augmented Reality, Virtual Reality, etc. The company has its offices and a dedicated microdisplay manufacturing line inside the MINATEC innovation campus in Grenoble/ France.

CONTACT :

You are interested in new technologies and you are looking for an internship in a dynamic and innovative environment, Do not hesitate, send us your application !

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www.microoled.net
www.activelook.net
www.engoeyewear.com

Internship offer : characterization of OLED microdisplays

Context & Objective:

Our microdisplays are based on Organic Light Emitting Diodes (OLED) on CMOS. Our newly developed technology permits to enhance the performance of our microdisplays. The goal is to study the improvement in luminous efficiency and brightness that can be achieved with the new technology. After an initial phase of manual characterization, a semi-automatic probing tool is available to increase the throughput during characterization. This tool needs to be set up for characterization and be qualified.

Mission:

- Electro-optical characterization of OLED devices
- Study different OLED stacks in terms of optical and electrical parameters
- Setting up a semi-automatic probing tool:
 - Tool qualifications
 - Programming user interface (Python)

Profile:

Optical Engineering or Physics master student in 3rd year with good knowledge in non-imaging optics, optics of thin films, optical measurement, programming (python).