

## Internship

### Electronic Hardware Engineer

(Geneva, Switzerland, 100%)

**Duration**                      6 months

**Starting date**                January 2020

Plair SA has developed a proprietary and patented laser-sensing system for precise air quality monitoring and instantaneous detection of pathogens, allergens, and pollutants. The Plair system replaces microbiological identification and particulate counting, increasing efficiencies, automation, and enabling improved risk management related to biocontamination. Our instruments are used by leading meteorological organizations for automatic pollen monitoring, top scientists in aerosol and aerobiology fields worldwide and are also deployed for bio-contamination control and agricultural pest management.

To support industrialization of our new product, we are seeking a highly-motivated candidate to join our team in Plan-les-Ouates, Geneva. Ideal candidate is from Electrical and Electronics Engineering, or other allied branches.

#### **Your role**

As part of your internship you will be involved in the development of electronics and participate in industrialization of future Plair's particle analyzers. You will also be an essential contributor to technical documentation and supply chain management.

#### **Your responsibilities**

- Assist in designing and building prototypes for new product concepts
- Perform functional tests on developing circuits
- Assist in developing, documenting, validating and manufacturing
- Produce clear documentation on the work that has been performed
- Perform basic level FPGA and micro-controller programming

## Your profile

- Be enrolled in an undergraduate or graduate degree in electrical, electronics, or other allied branches
- Be interested in developing analog and digital circuits
- Have the capability to interpret analog and digital circuit schematics
- Be familiar with in PCB manufacturing process
- Be familiar with typical EE lab bench equipment (oscilloscope, signal generators, digital multimeter)
- Be comfortable working with 3D mechanical data & models
- Be able to show independent problem-solving capability
- Fluent in English and/or French

Valid Swiss work permit is mandatory or Swiss nationality

## Benefits

- Work in a high-tech revolutionizing environmental monitoring
- Highly interactive team with strong technical and interpersonal qualities
- Opportunities for personal and professional growth

## Salary

The gross monthly salary is CHF 2,500.

## Contact information

If you are interested, send your application (CV and motivation letter) to: [careers@plair.ch](mailto:careers@plair.ch)