



WORK OFFER

Ref. No. CH-2020-000059

Employer Information

Employer: ionair AG
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Staldenhof 3a

6014 Luzern
Switzerland

Website:

Location of placement: Luzern
Nearest airport: Zurich ZRH
Working hours per week: 42.0
Working hours per day: 8.4

Number of employees: 13

Business or products: Air Quality Systems

Student Required

General Discipline: 40C-CHEMISTRY, MATERIAL SCIENCE, AND
CHEMICAL ENGINEERING

Completed years of study: 2

Field of Study: 14.0701-Chemical Engineering.

Student status requirements: none

Language required: German Good Or
English Good

Required Knowledge and Experiences:

German knowhow is a big advantage
good understanding of organic chemistry as well as electrical energy.

Other requirements:

only for student with EU/EFTA citizenship

Work Offered

Our company with its headquarters in Lucerne, Switzerland, delivers solutions for naturally fresh indoor air climate. Our Air Quality Systems are designed and engineered for implementation of new or reconstructed HVAC systems. We offer to a talented trainee a platform to carry out different research and development regarding ionization technology:

- Effect of a artificially generated electrical field on surrounding molecules
- Production of negative ions
- Production of oxidation byproducts (ozone)
- Disintegration of Volatile Organic Compounds (VOC)

Research will be carried out mostly on independent basis with guidance from the supervisor. The Trainee should document the results in a final report which will be beneficial for the development of future products and will provide a deeper understanding of this technology. The trainee shall be a self-motivated and eager person with a good understanding of organic chemistry as well as electrical energy.

The trainee should have experience in field research by mean of similar work experience or a diploma thesis. Experience with LabVIEW is a plus. German knowhow is a big advantage. ionair offers a diverse work experience and a fantastic team spirit. A laboratory with required equipment for measurement, development and testing will be provided. As we are a small growing company the trainee can contribute a lot to future developments. In case of good performance an extension of the trainee programm is possible (only for EU passport holders) .

Number of weeks offered: 13 - 18

Working environment: Office work

Within the months: 01-JUN-2020 - 09-NOV-2020

Gross pay: 2500 CHF / Month

Or within: -

Deduction to be expected: approx. 10 % Social security AHV/IV

Company closed within: -

Payment method / time of first /
payment:

Latest possible start date:

Accommodation

Canteen at work: No

Expected type of accommodation: depends on availability

Estimated cost of lodging: 750 CHF / Month

Accommodation will be arranged by: IAESTE LC Bern

Estimated cost of living incl. lodging: 1600 CHF / Month

Additional Information

only for student with EU/EFTA citizenship

Nomination Information

Deadline for nomination: 15-MAR-2020

Date: 07-FEB-2020

On behalf of receiving country: Sabine Lenz