INTERNSHIP OFFER
CH-2025-000201

Campus Burgdorf, Switzerland

ON-SITE

INTERNSHIP HOST

Name of Company
Bern University of Applied Sciences
Electrical Engineering and Information Technology

Website
https://www.bfh.ch/ti/en/

Address of Company
Burgdorf
Switzerland

Number of Employees
2600

Business or Product
Research

STUDENT REQUIRED

General Discipline
Electrical Engineering

Field of Study

Completed Years of Study
3

Language Required
English Good (B1, B2) Or
German Good (B1, B2)

Required Qualifications and Skills

Knowledge and experience in measurement technology, in performing electrical tests and with PCB layout tools (Altium) are an advantage. Hands-on and reliable.

Student Status Requirements
None

Other Requirements/Information
EU/EFTA passport required; German skills would be for one of the projects a plus.

INTERNSHIP OFFER

13 - 13 weeks

Latest Possible Start Date

Within Months
Mar-2025 - Dec-2025

Company Closed WIthin
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2200 CHF per Month

Deductions Expected
approx. 10 % Social security AHV/IV

Payment Method

800 CHF per Month

Arranged by
IAESTE Bern

Estimated Cost of Living including Lodging
1650 CHF / Month

Working Environment: Research and development

Working Hours / Week: 42.0

BFH is a public university of applied Sciences with eight departments and located over five locations Bern, Burgdorf, Biel, Zollikofen und Magglingen. Aside from providing a wide range of practical degree programmes, we also carry out applied research and development. This means that we either provide research and development services on behalf of clients or carry out independent research that focuses on the needs of the market and the professional environment.

This internship is in the High Voltage (HV) and Electromagnetic Compatibility (EMC) Laboratory, which is a competence center for strong electric and magnetic fields as well as for EMC. We support teaching and research activities as well as provide testing and consulting services for companies. Find more information about our lab here:
https://www.bfh.ch/en/research/research-areas/high-voltage-systems-lab/

Possible tasks will be discussed during the interview and defined according to your experience, interests and currently running activities. They could include:
- Participation in applied research projects. Examples of currently running projects:
  -Simulation and verification of lightning current effects on electric terminals
  -High voltage impulse methods for quality control of plastic parts
  -Condition monitoring of medium-voltage switchgear
- HV and EMC testing, failure analysis and reporting
- Contribution to teaching activities (update of laboratory manuals, introduction of new teaching exercises)

Monthly gross salary depends on study level: 2’250 CHF during Bachelors, 2'700 CHF with a Bachelor, and 2'900 CHF with a Master degree

ADDITIONAL INFORMATION

EU/EFTA passport required

Deadline for Nomination - 15-Mar-2025

Date - 26-Jan-2025

On Behalf of Receiving Country - IAESTE Switzerland