



WORK OFFER

Ref. No. CH-2019-000424

Employer Information

Employer: intelliCard Solutions AG
 -
 Untere Bahnhofstrasse 2, P.O. Box 1441
 8640 Rapperswil SG
 Switzerland

Website:
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 Location of placement: Rapperswil SG
 Nearest airport: ZRH - Zurich
 Working hours per week: 42
 Working hours per day: 8.4

Number of employees: 10
Business or products: IT Security / Software Development

Student Required

General Discipline: 11-COMPUTER AND INFORMATION SCIENCES
Field of Study: 11.0201-Computer Programming/Programmer,
 General.
 11.0701-Computer Science.

Completed years of study: 2
Language required: English Good

Required Knowledge and Experiences:

Linux / Unix Crack
 plus at least one of those programming skills in an excellent Level: Java ,
 C/C++, Python, PHP , HTML, Javascript, Bash scripting

Other requirements:

Soft skills: - Ability to work independently / - Reliable, self-dependent /- Ability to work in a team /- Strong problem solving skills

Work Offered

The company designs, develops, integrates and manages Identity Security Solutions. The character of security makes the protection of an identity a continuous activity. The company provides solutions to reduce complexity and to automate management and monitoring of the identity lifecycle. They implement solutions for their customer with a strong focus on digital certificate management, smartcard technologies, hardware security modules, account management, mobile device management and mobile security.

Internship description:

They are looking for a Linux/Unix crack with strong development skills interested to work in projects in the following domains:

- Development of PKI appliance
- Design and implement virtualized containers (Docker, Kybernetes)
- Design, code and build secure system infrastructures and architectures
- Database cluster and HA solution

He/she will get the opportunity to work in international projects and gain lots of experiences and improve his/her skills.

Required skills

- candidate with strong experience with Linux and development experience in container technologies like Kubernetes, Docker, etc. Open source contributions in related projects is a big plus.
- hardworking, detail orientated and enthusiastic person and fluent in both spoken and written English.

Technical skills:

1. outstanding software development skills in at least one of the following languages: - Java, C/C++, Python, PHP, HTML, Javascript, Bash scripting
2. development experience on the following platforms: - Linux
3. Understanding of secure programming
4. Good understanding of common cryptographic algorithms and technologies like: - X.509 digital certificates and public key infrastructures - hashes, digital signatures
5. Good understanding of modern web technologies: - HTML, Java Script, CSS, SOAP, XML, SAML

The internship is based in Rapperswil, 30 km south of Zurich. Rapperswil is a beautiful city on the Zurich Lake with a stunning view to the Alps from our office. Cost is offered for a room in a flat-shared apartment of the local university

Number of weeks offered: 24 - 52
Within the months: 01-MAY-2019 - 30-JUN-2020
Or within: -
Holidays: -

Working environment: Research and development
Gross pay: 2,000 CHF / Month
Deduction to be expected: approx. 10 % Social security AHV/IV
Payment method / frequency: monthly /

Accommodation

Canteen at work: Yes
Expected type of accommodation: Shared flat or student housing
Accommodation will be arranged by: Employer

Estimated cost of lodging: 750 CHF / Month
Estimated cost of living incl. lodging: 1,600 CHF / Month

Additional Information

Students with any NON-EU/EFTA nationality need to provide an official letter from their university, confirming that the traineeship is compulsory (IAESTE Switzerland will apply for visa and work permit) /Non EU passport holder can only apply for 8 - 12 months because of visa and workpermit rules.

Nomination Information

Deadline for nomination: 31-MAR-2019 **Please send nominations by** Exchange Platform

Date: 09-JAN-2019 **On behalf of receiving country:** Sabine Lenz