IAESTE SWITZERLAND

WORK OFFER

Ref. No. CH-2021-000040

Employer Information

Employer: intelliCard Solutions AG
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Untere Bahnhofstrasse 2, P.O. Box 1441

8640 Rapperswil SG
Switzerland

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

Website:

Location of placement: Rapperswil SG
Nearest airport: ZRH - Zurich
Working hours per week: 42.0
Working hours per day: 8.4

Student Required

General Discipline:	COMPUTER AND INFORMATION SCIENCES	*Completed years of study:*	2
Field of Study:	Computer Programming/Programmer, General.; Computer Science.	*Student status requirements:*	Non-EU/EFTA passport holders need to be enrolled during the whole internship
		Language required:	English Good (B1, B2)

Required Knowledge and Experiences:

Soft skills: Hardworking, detail orientated and enthusiastic; Ability to work independently, reliable; Ability to work in a team; Strong problem solving skills
Technical skills: see work description

Other requirements:

Fluent in both spoken and written English
Applicants with non-EU/EFTA passport have to apply for 8 - 12 months (visa regulation of this canton)

Work Offered

We design, develop, integrate and manage Identity Security Solutions for our customers with a strong focus on digital certificate management, smartcard technologies, hardware security modules, account management, mobile device management and mobile security.

Internship description: We are looking for a Linux/Unix crack with strong development skills interested to work in projects in the following domains: Development of solutions to for digital certificates, Automating PKI processes, Design and build secure infrastructures systems and architectures.
You will get the opportunity to work in international projects and gain lots of experiences and improve your skills.

Technical skills:
- outstanding software development skills in at least one of the following languages: Java, C/C++, Python, PHP, HTML, Javascript, Bash scripting
- development experience in Linux and container technologies like Kubernetes, Docker, etc. Open source contributions in related projects is a big plus.
- understanding of secure programming
- good understanding of common cryptographic algorithms and technologies like: X.509 digital certificates and public key infrastructures; hashes, digital signatures
- 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.

Number of weeks offered:	24 - 52	*Working environment:*	Research and development
Within the months:	01-SEP-2021 - 30-SEP-2022	*Gross pay:*	2000 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:	01-OCT-2021		

Accomodation

Canteen at work:	Yes		
Expected type of accommodation:	Depending on availability shared flat or student housing	*Estimated cost of lodging:*	750 CHF / Month
Accommodation will be arranged by:	Employer	*Estimated cost of living incl. lodging:*	1600 CHF / Month

Additional Information

Students with any NON-EU/EFTA nationality need for the visa and work permit an official letter from their university, confirming that the internship is compulsory (IAESTE Switzerland will apply for them). This canton only allows visa applications for 8 - 12 months.

Nomination Information

Deadline for nomination: 04-JUL-2021

Date:	21-JUN-2021	*On behalf of receiving country:*	Sabine Lenz