NoKra Optische Prüftechnik und Automation GmbH

Software Developer

AIESEC AACHEN, GERMANY

Earliest Start Date 01.09.2013 **Latest End Date** 31.03.2014

0 EP has applied for this TN

About NoKra Optische Prüftechnik und Automation GmbH

NoKra Optische Prüftechnik und Automation GmbH - this name stands for optical inspection technology and automation. NoKra is a medium-sized enterprise situated in Germany and operating internationally. NoKra produces high quality measuring and inspection systems for applications in production lines. NoKra systems measure and inspect geometric features, such as length, width, thickness, profile, shape and position.

NoKra posesses extended experience concerning measuring technology in the sectors steel, aluminium and automotive industry as well as glass and polymer processing.

NoKra manufactures laser sensors and automated inspection systems for these application fields and integrates such systems in automated production lines - worldwide. NoKra systems are in operation in Europe, Asia, North America, Middle America and South America.

Job Description

Department the intern will be working	Software Development
Job Description1	You will support the current development of a software project.
Job Description2	You will work on a network interface which used to communicate with a complex evaluation of measurement processes.
Job Description3	Your tasks includes the analysis and management of measurement and evaluation, the transformation of a recipe into logical processes, and the management and prioritization of different processes.
Job Description4	To realize this, it is necessary that you will be introduced to some areas of laser measurement -> such interest is required.
Job Description5	**Check out our other available TN's**
Job Description6	
Measurable results expected from the intern	- Strong interpersonal skills - A high degree of self-motivation - Flexibility and the ability to work independently - Excellent analytical skills

	• Potential to learn and adapt quickly
Preparation required from the intern before arrival	***Students***

- To get a work permit, you are required to have a **Student Enrollment Certificate in English or German** ([template](#)), valid for the whole duration of the internship at a university outside of Germany (for Non-EU-25). Otherwise a certified translation to English or German is required.
- If you can provide a **Mandatory Internship Statement in English or German**([template](#)) you will work tax-free.

Graduates

- To get a work permit, you must not have graduated more than 18 months prior to your first day of the internship and you have to provide us with a scan of your **Graduation Certificate in English**. Otherwise a certified translation to English or German is required.
- Please keep in mind that as a graduate you have to pay social security taxes which amount to about 20% of your salary.

If you cannot fulfill the requirements stated above, please do not apply.

Details on the Working Conditions	Personal Workspace Computer Internet Access Any Other
Other Details of the Working Conditions	The salary will be paid in EUR and will amount to 700 EUR per month. You will get a Bus & Rail Card.
Learning points that the intern might obtain during the internship	• Working in a professional, exciting middle-size-company

- Working in a professional, exciting middle-size-company
- Taking part in challenging and diverse projects
- Getting development opportunities
- Dealing with unclear/ changing demands
- Experience in agile software development
- Handling large amounts of data in a compulsory cycle time (especially important in dealing with measured data)
- Overcoming communication problems

Additional information a potential candidate may require for the Internship	***How To Apply***

1) Carefully read Job Description & requirements of position that interest you
2) Prepare your EP Application Package: one SINGLE pdf file which includes:

- Cover Letter: 1- page cover letter adjusted to the internship you want to apply for
- Curriculum Vitae (CV)
- EP form: copied directly from myaiesec.net

3) Name your application package "Your name - Your country"
4) Send application package to **applications.aachen@aiesec.de**. The email subject must be " **Application TN-In-DE-AC-2013-1380 YOUR NAME** ".

Deadline for application: 03.09.2013
5) After the deadline, your application package will be sent to the company and you'll receive an email with instructions for the next steps.
6) The selection process is expected to last approximately 10 days.

You should have good **knowledge** in:

- Java 7
- working in Windows 7 or Linux Fedora
- excellent English or German

Preferred knowledge in:

- Eclipse (IDE)
- Git
- DSL (Domain Specific Languages)
- Experience/ Knowledge in agile software development and use of object-oriented design patterns

Work Information

Field of Work	Information Technology (Primary)
Working Hours	From 9:00 To 18:00
	With a total of 40 hours per week
	Saturday work None
Payment	Salary in US $935

Organisational Preferences

Internship Earliest Start Date	01.09.2013 (Preferred)
Internship Latest Date	31.03.2014 (Preferred)
Minimum Duration	**26 Weeks (Required)**
Maximum Duration	**26 Weeks (Required)**
Degree	Bachelor (Preferred)

Backgrounds

Information Technology	**Software Development and Programming(Required)**

Skills

Computer	**PC User Skills(Required)**
Development Environment (IDE)	Eclipse(Preferred)
Programming skills	GIT(Preferred)
	Java(Required)

Languages

| Excellent | **English(Required)** |
| | German(Preferred) |

Regions

Required/Preferred	Preferred
Geographical Regions	Central and Eastern Europe
Sub Regions	Greater Scandinavian
	Western Europe
Language Zones	-
Additional Country	-
Developing Country	-