

NS Solutions 2015 Summer Internship program

Name of Company

NS Solutions Corporation (Japan)

Brief description of business

We offer system integration to achieve our customers' competitive advantage by providing IT support for their core businesses—instead of just selling our products and services. Also overseas, we have promoted our businesses, keeping pace with Japanese companies. In addition to offering solutions to Japanese companies in China and Southeast Asia, we intend to expand our services to non-Japanese local companies. Our technologies and know-how, having been accumulated through system development with Japanese manufacturers (which are heavily equipped with IT systems), are our overwhelming strengths—something our competitors cannot catch up with easily. We are intimately involved in our customers' businesses, and we offer solutions in anticipation of their future business. This is both our value and our source of competitiveness.

Founded in 1980, we were originally the Information System Division of Nippon Steel Corporation, which is one of the world's top-class steel manufacturers. We apply the experience, which has accumulated in system development of the steel industry, such as the establishment of the world's first 24-hour online production control system, to various industries, such as manufacturing, retail, banks and financial services. Nowadays, the number of our customers is over 1500. We also offer solutions throughout its customers' system life cycles.

Job description for Internship

Researchers at Systems R&D center develop the next-generation IT technologies for enterprise usage. With this internship program, students can work for one of research projects with researchers together. Those projects include various fields in software and hardware engineering. All interns receive ongoing mentorship and training throughout their programs.

Dates & Hours

June 29th – August 7th, 2015 (provisional)
9:00 – 17:20 (Weekdays)

Location

Yokohama, Japan

Assistance

Air tickets (round trip, Tokyo – Seoul)

Hotels

Allowance (4,000yen / business day, provisional)

Application Procedure (provisional)

1. You will send an e-mail to recruit@jp.nssol.nssmc.com.
if you get interested in our company. **(Send by 4/24)**
*Title of e-mail : “Entry to NS Solutions”

2. You will be provided detailed themes and an application form via e-mail.
(Provided by 4/28).

3. You will submit your application form to recruit@jp.nssol.nssmc.com.
(Submit by noon of 5/8)

4. We will select candidates with screening of application form.
*We will tell the result to the successful candidates by 5/13.

5. You will take 1st interview on Skype (invitation only).
(1st interview day : 5/18 - 22)

6. You will take a web-based test (invitation only).
(Provided by 5/25, Take it by 5/28)

7. You will take 2nd interview on Skype (invitation only).
(2nd interview day : 6/1 - 6/5)

Contact info

NS Solutions Corporation Human Resources Department, Recruiting Group

Mr. Yuya Okawa

TEL: +81-3-5117-5963 (Japanese or English)

E-MAIL: recruit@jp.nssol.nssmc.com (Japanese or English)

<http://www.nssol.nssmc.com/en/corporate/index.html> (English)

<http://www.nssol.nssmc.com/> (Japanese)

Themes

#1: Next-Generation mobile application development using Kony platform

Outline

Today, mobile application has become a familiar presence. In mobile apps development which possesses rapid release cycles, in order to make the apps available to as many users as possible, it is getting more and more important that how fast and low-cost we can make mobile apps compatible with wide variety of mobile devices (iOS, Android , etc..)

Kony is a MEAP(Mobile Enterprise Application Platform) that supports developing device-agnostic mobile apps from a single code base. Using Kony makes developing and maintaining cross-platform application effectively reduce cost and time.

In this theme, you will handle the latest products of Kony (Visualizer、 Studio、 MobileFabric...) to develop an enterprise mobile apps realizing your own amazing idea. You can learn how to make an enterprise-oriented application while enjoying the fun of creating mobile apps by yourselves.

Requirements

- Programming experiences on JavaScript
- Experience in mobile apps development (iOS or Android...)

#2: Development of virtual appliance by Docker

Outline

Applications and an OS which required for providing services are packed into virtual appliance as a Virtual Machine. It makes engineers free from complicated steps of installation, application setting and maintenance.

A virtual appliance is generally offered by the form of the virtual machine. There is container type virtual technique "Docker" as the technology watched recently, and there is a possibility which becomes one of the offer forms of the virtual appliance.

In this internship, virtual appliance is developed using our virtual appliance development kit "AppFerry", and a prototype of a virtual appliance by Docker is built.

Requirements

- Knowledge of installation/basic configuration of Linux OS.
- Programming Skill of Java (writing 1000+ lines).

Highly Valued Skills:

- Basic knowledge about HTML/CSS.
- Basic knowledge about JavaScript.