

Mikko Kurkela

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OBJECTIVE

A position in the field of information technology. I got good knowledge on Linux operating system and C/C++ programming languages. I have been working with profiling software and dealt with x86 and ARM assembly language.

I also have interest on networking and networking security.

I want to learn new things and ways to solve problems. I want to work in a team that is willing to share their knowledge and is dedicated on the things that they are doing.

EDUCATION

Bachelor of Engineering, Information Technology
Rovaniemi University of Applied Sciences, May 2013
Concentration: Software development

Bachelor Thesis, Attaching the IgProf Profiler into a Running Process on a 64-bit Linux

The thesis described a method to attach the IgProf profiler software into a running process by making the target process to execute function calls, which loaded necessary environment variables and loaded the IgProf shared object into the address space of the target process

Aliupseerikoulu, 2008–2009
Jääkäriprikaati, Sodankylä

Ylioppilastutkinto, 2004–2007
Ounasvaaran urheilulukio

COMPUTER SKILLS

Languages: C, C++, x86 assembly, ARM assembly, C#, Java, PHP
Operating Systems: Linux
Networking: I have done CCNA networking courses

EXPERIENCE

Software developer **April 2013 – Present**
CERN, The European Organization for Nuclear research, Geneve, Swizerland

Main task was to port the IgProf profiler software for ARM processor. I also got other IgProf related programming tasks.

- Ported the IgProf profiler software for ARM processors
- Miscellaneous programming tasks with C and C++ programming languages related to the IgProf profiling software

Practical Training: Software Developer

June 2012 – September 2012

CERN, The European Organization for Nuclear research, Geneve, Swizerland

Miscellaneous programmin tasks related to the IgProf profiling software. For example x86_64 instruction length decoder and IgProf function profiler and finstrumented-functions profiling modules.

Skiresort worker

Spring 2009

Ounasvaaran Hiihtokeskus, Rovaniemi, Finland

I worked in lift control and in slope maintaining in Ounasvaara ski-resort

MILITARY SERVICE

I did my military service in 2008-2009 in Jääkäriprikaati in Sodankylä. The serving duration was 362 days.

LANGUAGE SKILLS

- Finnish, native
- English, Good, Bachelor degree done in english
- Swedish, Average, Understanding is good but I have never had to use swedish so oral skills would need some practicing
- German, Basics, I can translate basic sentences

INTERESTS

- Sports
- Computer Security
- Guitar
- MMO computer games