

Aleš Novák, structured CV

Personal details

- Name: Aleš Novák
- Email:@gmail.com
- Date of birth:
- Nationality: czech

Education

- 1992 - 1999: high school, Gymnasium Ústavní 400, Praha 8
- 2010 - present (2014): Faculty of Mathematics and Physics, CU, Prague

Employment history

- 2000 - 2013: Komix s.r.o., Holubova 1, Praha 5
development of information systems for OZP (health insurance company):
 - developing metadata-driven application servers in C
 - integration of heterogenous systems: 4GL + C programs on Unix background, Java web clients, C++ Win32 client, XSL:FO/MS Office/OpenOffice print servers
 - porting across operating systems
- 2013 - present (2014): SUSE
L3 Support Engineer
 - evaluation of customer-reported issues
 - debugging (both user- and kernel- space)
 - finding a solutions - either using upstream patch or developing own

Skills

- C language: very good knowledge, C++: very good knowledge (C++0x, TR1)
- x86 assembler: realmode programming mostly, low-level device driving, fast algorithms etc.
- interpreted languages: Java (JEE - JBoss), C#, Python, shell, Ruby
- markup languages: XML (XSLT, XSL:FO, DocBook), T_EX
- Linux:
 - very good userspace programming experience (primary OS)
 - debugging (gdb, strace)
 - kernel - a few fixes upstream, debugging with crash
- other operating systems: good POSIX knowledge; AIX, Solaris, Win32 - win32api + WinSock
- web: Apache (module programming), lighttpd (module programming), FastCGI
- database systems: Informix (including development of datablades in C), Oracle, MySQL; ODBC (both Windows and Unix)

- highlights:

- connecting interpreted languages (Python, Ruby) with native code
- developing multiplatform (Linux + AIX + Solaris + Win32) code using ANSI C and POSIX standards
- metadata-driven processing
- knowledge representation - ontologies, RDF, semantic web

Languages

czech, english (advanced), german (basics)

Personal interests

rock/mountain climbing, swimming, literacy