

Alexander Fenster

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Moscow, Russia — free to relocate

Objective: Software engineer

Employment history

- 2014–present** **Microsoft**, Moscow, Russia. Software development engineer II, Bing.
Working on internal distributed key-value storage solution. My responsibilities include developing new features for both backend and frontend parts of the project in C++, C# and JavaScript.
- 2012–2014** **Parallels**, Moscow, Russia. Senior software engineer, third-line support team.
My responsibilities included resolving issues related to the company's virtualization products (Parallels Cloud Server and OpenVZ), from Linux kernel crashes and kernel crash dumps analysis to Linux and Windows userspace tools debugging.
- 2006–2012** **Intel**, Novosibirsk, Russia. Senior software engineer, Intel Compiler and Languages lab.
On this position I implemented and maintained the software that performed nightly builds and testing of Intel compiler on various architectures. Most of those tools were written in Perl, and the most challenging part of the job was to make them work on Linux, Windows, and OS X with little or no changes to the code. My responsibilities also included analysis of compiler build failures (some debugging of C code).
- 2003–2006** **SWsoft, Inc.**, Novosibirsk, Russia. Support engineer and trainer.
I supported hosting automation and virtualization solutions: fixed customers' problems, developed workarounds. Provided trainings for customers and coworkers.

Education

- 1999–2004** **Novosibirsk State University**, Mechanics and Mathematics department.

Skills and Experience

I have twelve years of experience in software engineering and technical support. Software development is something I like doing not only in the office but also in my free time. I really like small scripting and 'parse this, extract that' kind of tasks and I love writing these things in Python or good old Perl. Just like any person pretending to be a good software engineer, I can (and like to) write in C and C++. I understand and like functional programming, and it sometimes helps to write better code in other languages.

Learning new languages is fun, so if I need to write a program in some language, I go ahead and write the code; that's how I started my experience with Java, Python, Javascript and C#. Languages, operating systems, and development environments are not that important, and it's always cool to change the way how you work and to learn new things—that's why I started working for Microsoft after many years in Linux. Last but not least, I lectured on various programming subjects in Novosibirsk university: teaching students is exciting and also makes you smarter.

I like debugging, and I like to understand how programs work. To fix any complicated problem with software you need to be familiar with the underlying world, that's why—just a few examples—I know how network works, can act both as a client and a server (using netcat) for most major protocols (HTTP, SMTP, POP3, whatever), can write SQL queries, understand what compilers do, and so on.

I'm looking for a really challenging job that will allow me to apply what I already know about software engineering, and to learn even more cool new things.