



Andrii Sevastianov

C++ developer



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About me

I am a software developer with a wide range of interests. I like mathematics on amateur level. I do like algorithms and I often read A. Tannenbaum or D. Knuth before sleeping. Also I am interesting in different programming languages sometimes very specific like Prolog or Ada. Natural language processing, system programming, assembler are also in a list.

Skills

C



C++



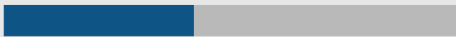
multithreading



SQL



MATLAB



English*4 Swedish*1 Russian*6
Ukrainian*6

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

education

since 1993 Comprehensive school Myrhorod/Kyiv/Poltava

1993–1997 Incomplete education in Kharkiv Polytechnic University Kharkiv

awards

1993 III diploma on Ukrainian mathematics olympiad.

experience

2013–2016 Shopit AB (startup) GNU C++/STL/MySQL/multithreading/Linux
shopit.com is a startup (not released yet) to search different kind of products in the Internet. Except some quite simple natural language processing parts most of time I developed a fast search server to handle user queries.

2011–2013 AMD (contractor via Luxoft) C/C++/driver development/hardware
AMD corporation is a big manufacturer of semiconductor devices. Our department developed video drivers. I was in a CAPS team which created hardware abstract layer to hide die specific for Windows or Linux drivers.

2009–2011 Depositphotos (startup) C++/STL/MySQL/multithreading/Berkley sockets
depositphotos.com is a photobank. I developed a fast search server that prefetch image database into shared memory object and be able to perform very effective search by query and attributes in different languages.

publications

2015 (russian) <https://habrahabr.ru/post/272815/>
Magic bitboards and russian checkers move generation

2015 (russian) <https://habrahabr.ru/post/272707/>
Bit magic: generating next lexicographical combination.

interests

Popular science, mathematics, chess, squash.