

Alexander Batischev

Education

- 2015 **Master of Computer Science**, *National Technical University of Ukraine “Kyiv Polytechnic Institute”*, Kyiv.
- 2013 **Bachelor of Computer Science**, *NTUU “KPI”*, Kyiv.

Work Experience

- Nov 2014 – **Intern**, *Samsung R&D Institute Ukraine*.
- Apr 2015 Design and implementation of an algorithm that splits handwritten words into letters. *Technologies*: Python (numpy, matplotlib), C++.
- Apr – Oct **Perl programmer**, *I-Next Ltd*.
- 2013 Development of modules for in-house, closed-source CMS. *Technologies*: Perl, PostgreSQL.

Projects

- Feb 2012 – **Multi-agent environment simulator**.
- Jun 2013 <https://github.com/Minoru/AI-simulator-SDK>
Designed and implemented binary networking protocol. *Technologies*: Qt, C++.
- Feb 2012 **Reimplementation of “Vacuum Cleaner World” AI Simulator**.
https://github.com/Minoru/vacuum_cleaner_world-qt
Re-implemented the parser. *Technologies*: Qt, C++.
- 2010–2011 **Contributions to Loker, POSIX Shell compliance checker**.
<https://github.com/Minoru/loker/tree/compiler>
Worked on a compiler from Shell to C89. *Technologies*: Haskell, C89

Computer skills

- Programming **Intermediate**: ANSI C, Python, Perl, POSIX Shell, Haskell
- Languages **Basic**: C++, Erlang
- OSes Proficient with Linux; familiar with FreeBSD
- Tools **VIM, GNU toolchain (GCC, make, gdb), Git, ZSH, L^AT_EX, PostgreSQL**.

Languages

Native: Ukrainian, Russian; **Upper Intermediate**: English

Interests and Hobbies

- Programming Functional programming (Haskell in particular), parallel programming, algorithms and data structures
- Reading Fond of science fiction