

# Adam Mizerski

## Curriculum Vitæ

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🌐 [etam-software.eu](http://etam-software.eu) <http://etam-software.eu>  
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## Education

- 2013–2020 **Master's degree in Information Technology**, *Warsaw University of Technology, Faculty of Electronics and Information Technology, Warsaw, Grade: Bardzo Dobry*<sup>1</sup>.  
Extramural,  
Thesis: *Security of electronic mail*  
Content available at <https://tigermail.cloud>  
Used tools and languages: C++, Boost ASIO, Ethereum <https://ethereum.org/>, Swarm <https://swarm.ethereum.org/>.
- 2009–2013 **Engineer's degree in Information Technology**, *Warsaw University of Technology, Faculty of Electronics and Information Technology, Warsaw, Grade: Bardzo Dobry*<sup>1</sup>.  
Thesis: *Remote management of software and configuration in a local area network*.  
Content available in Polish (with English summary):  
<https://repo.pw.edu.pl/docstore/download/WUT307531/main.pdf>.  
Used tools and languages: Puppet <https://puppet.com/>, Git, chocolatey <https://chocolatey.org/>, Ruby, Bash, PowerShell.
- 2005–2008 **Mathematical-physical class with authorial extended math program (commonly known as "Matex")**, *XIV Liceum ogólnokształcące<sup>2</sup> im. Stanisława Staszica, Warsaw*.

## Vocational experience

- X.2017– **Software Engineer**, *Golem Factory* <https://golem.network/>, Warsaw.  
○ Maintenance and development of Golem – distributed supercomputer with payments handled through blockchain.  
○ Automatization of servers deployment.  
○ Used tools and languages: Python, Rust, Docker, Ansible, Ethereum.
- VII.2016– **Software Engineer**, *CodiLime* <http://www.codilime.com/>, Warsaw.
- IX.2017 ○ Maintenance and development of deployment system for OpenStack-based solution.  
○ Used tools and languages: Bash, Python, Ansible, Vagrant, Docker, Jenkins.
- V–VI.2016 **C++ programmer**, *SkyTechnology sp. z o.o.* <http://skytechnology.pl/>, Warsaw.  
Development of distributed filesystem LizardFS <http://lizardfs.com/>.

<sup>1</sup>[https://en.wikipedia.org/wiki/Grading\\_systems\\_by\\_country#Poland](https://en.wikipedia.org/wiki/Grading_systems_by_country#Poland)

<sup>2</sup>[https://en.wikipedia.org/wiki/Liceum\\_og%C3%B3lnokszta%C5%82c%C4%85ce](https://en.wikipedia.org/wiki/Liceum_og%C3%B3lnokszta%C5%82c%C4%85ce)

- VII.2013– (–2015 Junior) **Software Engineer**, *Cubiware Sp. z o. o.* <http://www.cubiware.com/>, Warsaw.  
 IV.2016 Development of application for set-top-boxes.  
 Implementation language: mostly C.  
 Application's environment: linux on MIPS or SH4 devices, with 256 up to 512 MB RAM.
- 2013 **Commissioned works**, Warsaw.
- Creating a software for processing data from OpenSubtitles <http://opus.lingfil.uu.se/OpenSubtitles2012.php> corpus for [fiszkoteka.pl](http://fiszkoteka.pl) <http://fiszkoteka.pl/>.  
 Used tools and languages: PostgreSQL (also plpgsql), C++11, libpqxx <http://pqxx.org/development/libpqxx/>, POCCO <http://pocoproject.org/>, Bash, CppCMS <http://cppcms.com> (as server JSON-RPC).
  - Implementation of Fortuna [https://en.wikipedia.org/wiki/Fortuna\\_\(PRNG\)](https://en.wikipedia.org/wiki/Fortuna_(PRNG)) algorithm and GUI.  
 Used tools and languages: C++11, Boost, Crypto++, autoconf, automake, libtool, qt4.  
 Algorithm implementation without GUI, with client's permission, is available at <https://github.com/etam/fortuna>.
- IX.2011 **Intern**, *Sonbou* <http://sonbou.pl/>, Warsaw.  
 Development of [fiszkoteka.pl](http://fiszkoteka.pl) <http://fiszkoteka.pl/>:
- Implementing functional tests using Selenium WebDriver [seleniumhq.org](http://seleniumhq.org),
  - Automation of replication and backing-up MySQL database.
- III.2009–2011 **IT Administrator**, *MACTEI*, Warsaw.  
 2008–2009 **Junior IT Administrator**, *SAS Institute*, Warsaw.

## Achievements

- XI.2011 Participation (I've passed internal qualifications) in Central European Regional Contest in the team of Warsaw University of Technology
- X.2011 Participation (I've passed internal qualifications) in Akademickie Mistrzostwa Polski w Programowaniu Zespołowym<sup>3</sup> (national variant of ACM-ICPC) in the team of Warsaw University of Technology
- 2007, 2008 Participation in the second stage (of three) of Olympiad in Informatics<sup>4</sup>

## Computer skills

- Administration of Linux systems (especially openSUSE, which I use daily).
- Fluent text console usage.
- Networking configuration, remote services management.
- Programming languages: Bash, C++ (including C++11 and newer), Python, Rust.
- Tools: Ansible, Autotools, CMake, Docker, Emacs, GDB, Git, GPG, GStreamer, L<sup>A</sup>T<sub>E</sub>X, libvirt, openSUSE Build Service (my account: [etamPL](https://build.opensuse.org/user/show/etamPL) <https://build.opensuse.org/user/show/etamPL>), PostgreSQL, RPM (creating packages), SSH, SystemD, Vagrant, VirtualBox.

## Communication Skills

<sup>3</sup><http://amppz.mimuw.edu.pl/>

<sup>4</sup><http://oi.edu.pl/>

- V.2017 Warsaw C++ Users Group: Range-v3: New C++ standard library (slides <http://cpp.mimuw.edu.pl/files/range-v3.pdf>, sources [https://github.com/etam/ranges\\_presentation](https://github.com/etam/ranges_presentation))
- I.2017 Warsaw C++ Users Group: Template-parameter dependent name (slides <http://cpp.mimuw.edu.pl/files/template-parameter.pdf>)
- I.2015 Warsaw C++ Users Group: Curiously recurring template pattern (slides <http://cpp.mimuw.edu.pl/files/crtp.pdf>)

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## Languages

- Polish Mother tongue
- English Conversationally fluent, B2 certificate
- German Basic words and phrases only

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## Interests

- Free and Open Source Software,
- openSUSE Project (user: etamPL <https://connect.opensuse.org/show/etamPL>),
- Development and new features in C++ and Rust,
- Decentralized and distributed software,
- Drum kit playing,
- I'm a member of 21st Warsaw Scout Troop „Stare Żbiki” <http://21wdw.staszic.waw.pl/>.