

# Viktor Krapivenskiy

## Curriculum Vitae

### ABOUT

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Computer programmer. Interested in techniques of writing clean and maintainable code, software architecture, programming language theory, parallel programming, systems programming, Unix philosophy. Author of a number of side-projects. Participant of Google Summer of Code—2017.

### SKILLS

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Software design · Algorithms and data structures · C (99, 11) · C++ (03, 11, 14) · Python (2 and 3) · Lua · POSIX API, Linux API · Make, CMake, waf · POSIX sh, bash.

### EXPERIENCE

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2017 · Summer of Code Intern (Google) · Have implemented Lua scripting for the strace project (C, Lua).

2018 · Software architect (private start-up company) · Implemented infrastructure, bots and various utilites for analysis of order flow and algorithmic trading on a number of cryptoexchanges (Python, MySQL, Redis); refactored existing code; have developed a web interface for accounting and monitoring the status of trading bots in the real time (Python, Flask, JavaScript); have developed a fast log analyzer (C++).

### AWARDS

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- 2016 Prizewinner of the All-Russian Olympiad in Informatics, Finals
- 2016 Gold winner of the Individual Olympiad of School Students in Informatics and Programming, Finals
- 2017 4<sup>th</sup> place in “LAToken hackathon”: smart contract for tokenization of different kinds of assets
- 2018 1<sup>st</sup> place in “Global Changers” hackathon: client support bot system
- 2018 1<sup>st</sup> place in “IDACB & CryptoBazar hackathon”: chat based on proxy re-encryption protocol
- 2018 1<sup>st</sup> place in “Phystech.Genesis” hackathon: mobile application for traveling
- 2018 3<sup>rd</sup> place in “CryptoBazar Serial Hacking: October”: PoC software raytracer using Intel SGX
- 2018 1<sup>st</sup> place in “CryptoBazar Serial Hacking: November”: LLVM IR interpreter with register-based VM
- 2018 Mentorship of two teams at “CryptoBazar Serial Hacking: December” that took 2<sup>nd</sup>—3<sup>rd</sup> places

### PROJECTS

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- 2016—present **luastatus**, a universal status bar content generator
- 2017 **support for Lua scripting in strace**, Google Summer of Code—2017 project
- 2018—present **calx**, a bc-like programming language
- 2018 **angou**, connectors for a number of cryptoexchanges

### REFERENCES

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