Piotr Padlewski

Curriculum Vitae

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Education

2013 – 2017	**Bachelor of Science**, *University of Warsaw*.
2017 – 2019	**Master of Science**, *University of Warsaw*.

Experience

July 2017 – October 2017	**Software engineer intern**, Microsoft, Redmond, USA. Implementing Scalar evolution framework and SCEV expander optimization.
May 2016 – current	**Team leader**, IIIT, Warsaw, Poland. Developing clang-tidy and researching different topics like ML for SEO and robotics
July 2016 – October 2016	**Software engineer intern**, Google, Mountain View, USA. Improvling importer heuristics in ThinLTO (scalable incremental Link Time Optimization). The improvement on SPEC 2006 with PGO was 0.62% geomean with up to 9% wins
July 2015 – October 2015	**Software engineer intern**, Google, Mountain View, USA. Developing devirtualization (changing virtual to direct calls) for C++ in Clang and LLVM
July 2013 – May 2016	**C++/Python developer**, Gemius, Warsaw, Poland. Rewriting GemiusAudience backend to C++, developing computing cloud with resources control in python, developing configurable monitoring files parser

Awards

2017	2nd place in SPLASH Students Research Competition with paper "Devirtualization in LLVM" (undergraduate category)
2013	Finalist of Polish Computer Science Olympiad
2012, 2013	Finalist of Polish Innovation of Technology Olympiad
2013	The Best IT project at the Youth Scientists Festival "EXPLORY"
2012	Finalist of Polish Linguistics Olympiad
2009	Square-1 World Champion – speed solving Rubik's cube competition

Computer skills

Advanced	C++17, Python, Optimizations, Compilers and tools
Intermediate	C, Algorithms, Deep learning
Basic	Java, cuda, asm, Operational Systems, Networking, Linux

Interests

- Compilers infrastructure   - C++

- Giving C++ talks
- motorcycle
- electric guitar and drums

- Deep learning
- electric vehicles
- Speedcubing