

Martin Drozdík

Curriculum Vitae

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Key skills

APPLIED MATHEMATICS	Multi-objective optimization, evolutionary computation, computational geometry, algorithm design, graph algorithms, probability theory, statistics.
C++	6 years active experience. Deep interest in best practices and C++11/14. Experience with high-performance code and parallelization.
QT	3 years active experience, especially in GUI design and implementation.

IT skills

Operating systems	LINUX / UBUNTU / BASH
Office	MERCURIAL, LIBREOFFICE, LATEX, INKSCAPE
Programming	JAVASCRIPT, MATLAB / OCTAVE, SQL, R, EIGEN, MATHGL
Web development	HTML, CSS

Awards and scholarships

2014	Monbukagakusho , <i>Scholarship of the Japanese Ministry of Education</i> , Awarded to two students from Slovakia annually to pursue a PhD course.
2010	
2013	IEEE Young Researcher Presentation Award , <i>IEEE Session</i> , Niigata.
2008	Erasmus , <i>Full scholarship and tuition for 6 months (University of Pisa)</i> .
2008	
2005	Dean's motivational scholarship , <i>top 10% of class</i> , awarded 4 times.

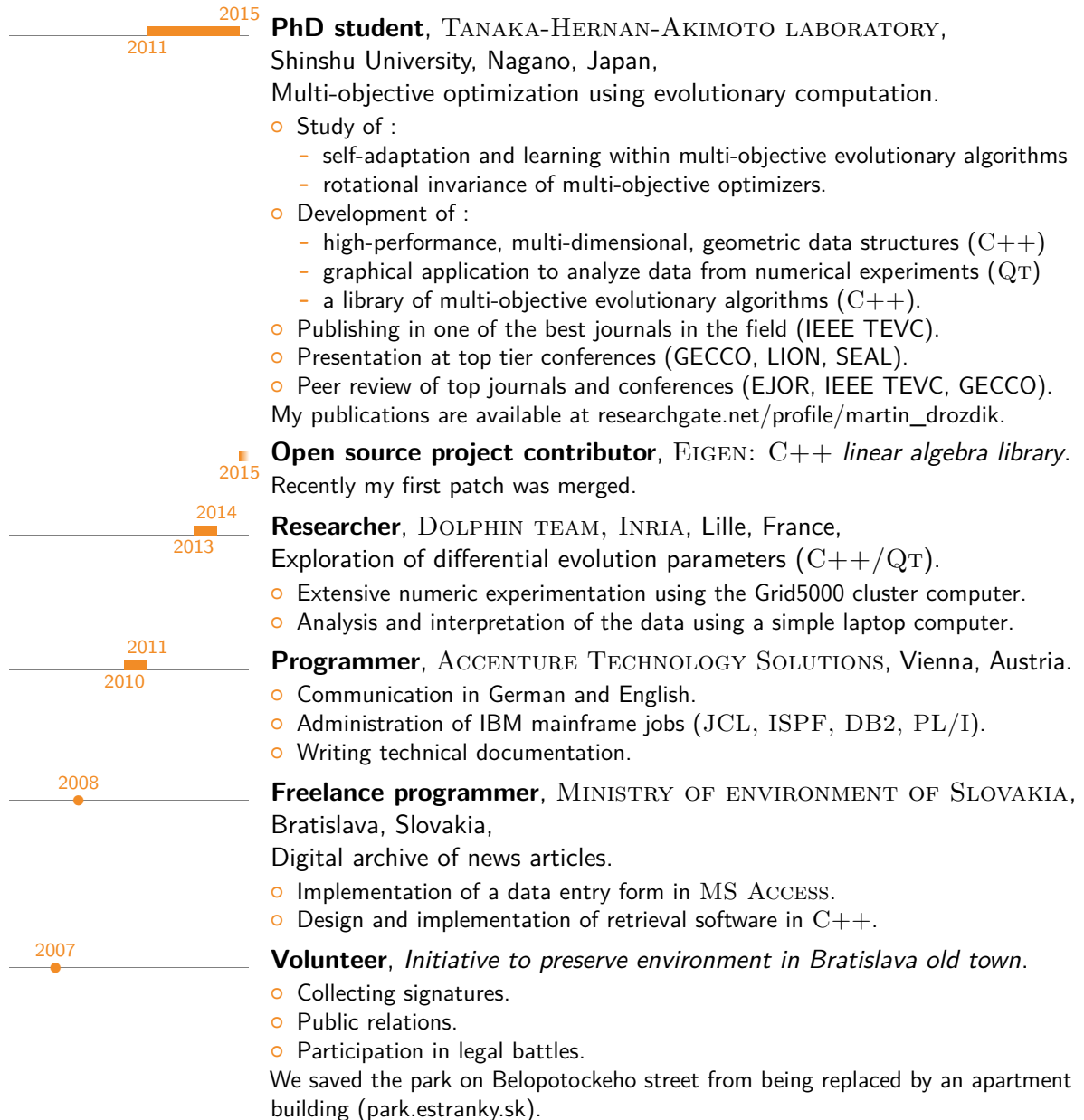
Languages

English	Advanced	10+ years, IT and mathematics terminology.
Japanese	Intermediate	Living in Japan for 3 years, actively studying.
German	Intermediate	8 months on an IT project in Austria.
Italian	Intermediate	Studied mathematics and economics in Italian.
French	Beginner	Actively studying.
Slovak/Czech	Native	

About me

I have a very strong sense of *beauty* and *quality*. I aim for the highest efficiency in everything I do, and I always strive to *do The right thing*.

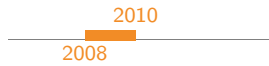
Professional experience



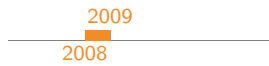
Formal education



PhD, COMPUTER SCIENCE,
Department of Mathematics and System Development, Shinshu University,
Nagano, Japan, Graduating on 25th of March 2015.
Title of thesis : Improvements in Understanding and Performance of Multi-objective Differential Evolution



Master, APPLIED MATHEMATICS,
Comenius University in Bratislava, Slovakia,
Graduated with honors.
Title of thesis : Stochastic Processes in State Space Form and ML Estimation of Their Parameters



Erasmus exchange student, MATHEMATICS AND ECONOMICS,
University of Pisa, Italy.



Bachelor, APPLIED MATHEMATICS,
Comenius University in Bratislava, Slovakia,
Graduated with honors.
Title of thesis : Strange Functions in Mathematical Analysis

Books that influenced me professionally

Robert C. Martin	Clean Code
Scott Meyers	Effective C++, Effective Modern C++
Herb Sutter	Exceptional C++ Style

Free time

Football	I play regularly.
Videogames	Real time strategy.
Sci-fi literature	Especially Robert Heinlein, Arthur C. Clarke, and Joe Haldeman.