

# Martin Drozdík

## Curriculum Vitae

Björnsonova 1  
Bratislava, 81105  
Slovakia  
☎ +81 80 4462 2048 (Japan)  
✉ drozdik.svk@gmail.com  
www.martindrozdik.com



### Key skills

APPLIED MATHEMATICS	Multi-objective optimization, evolutionary computation, computational geometry, algorithm design, graph algorithms, probability theory, statistics.
C++	<b>6 years</b> active experience. Deep interest in best practices and C++11/14. Experience with high-performance code and parallelization.
QT	<b>3 years</b> active experience, especially in <b>GUI</b> 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	<b>Monbukagakusho</b> , <i>Scholarship of the Japanese Ministry of Education</i> , Awarded to two students from Slovakia annually to pursue a PhD course.
2010	
2013	<b>IEEE Young Researcher Presentation Award</b> , <i>IEEE Session</i> , Niigata.
2008	<b>Erasmus</b> , <i>Full scholarship and tuition for 6 months (University of Pisa)</i> .
2008	
2005	<b>Dean's motivational scholarship</b> , <i>top 10% of class</i> , awarded 4 times.

### Languages

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

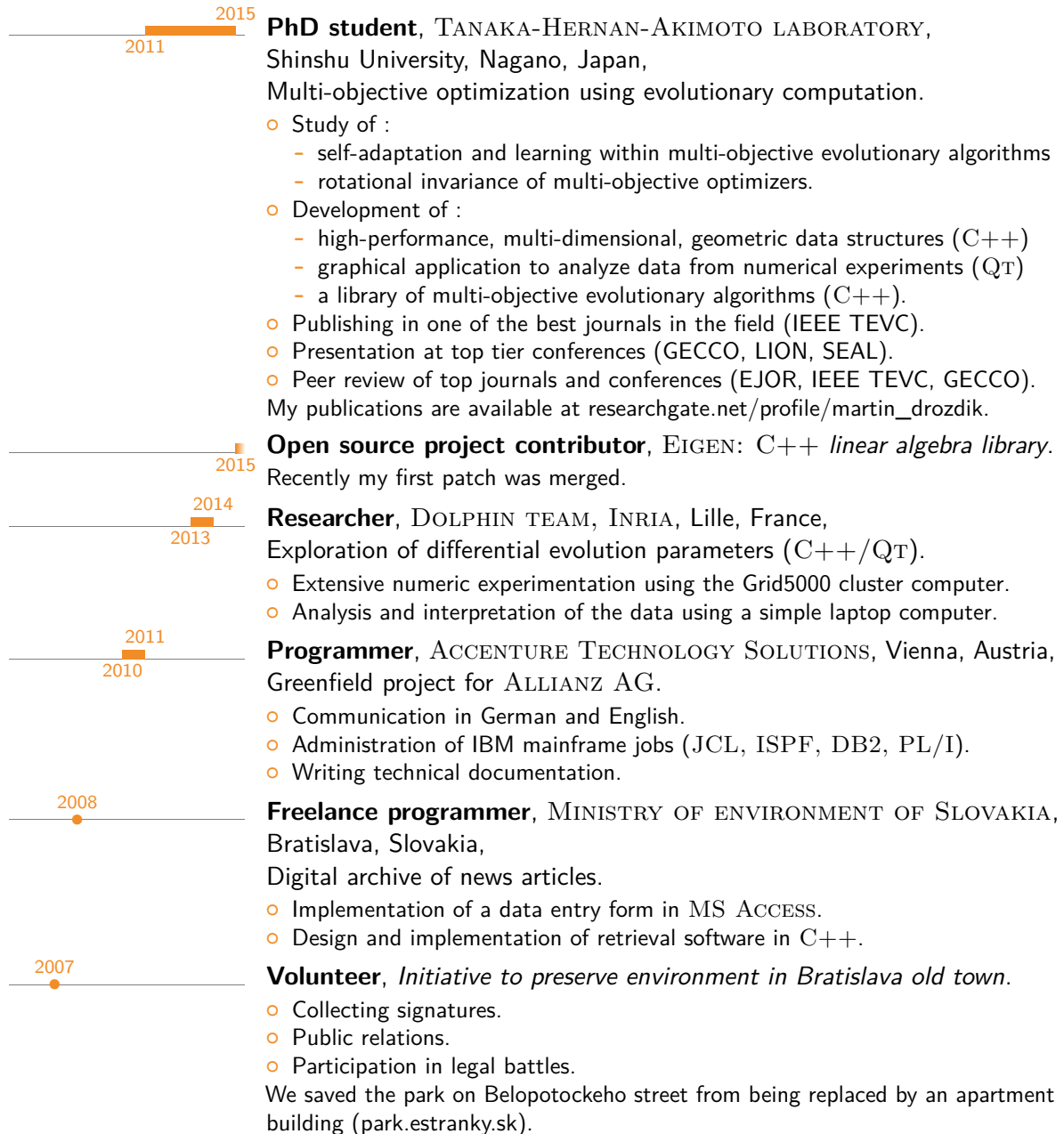
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## About me

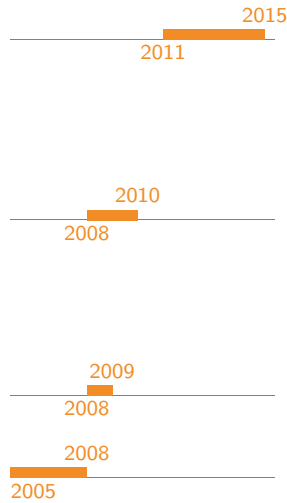
I have a very strong sense of *beauty* and *quality*. I aim for the highest efficiency in everything I do, and I always strive to *do The right thing*.

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## Professional experience



## Formal education



**PhD**, COMPUTER SCIENCE,  
Department of Mathematics and System Development, Shinshu University,  
Nagano, Japan, Graduating on 25<sup>th</sup> 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	<b>Clean Code</b>
Scott Meyers	<b>Effective C++, Effective Modern C++</b>
Herb Sutter	<b>Exceptional C++ Style</b>

## Free time

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