

Martin Drozdík

Curriculum Vitae

Björnsonova 1
Bratislava, 81105
Slovakia

+33 78 36 38 742 (France)
✉ 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++ **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 VALGRIND, QMAKE, MATLAB/OCTAVE, SQL, R, EIGEN
- Web development JAVASCRIPT, HTML, CSS

Awards and scholarships

- 2014
2010 **Monbukagakusho**, *Scholarship of the Japanese Ministry of Education*, Awarded to two research students from Slovakia annually. Selection based on research plan quality and recommendation from a prospective supervisor from the Japanese side.
- 2013 **IEEE Young Researcher Presentation Award**, *IEEE Session*, Niigata.
- 2008 **Erasmus**, *Full scholarship and tuition for 6 months (University of Pisa)*.
- 2008 **Dean's motivational scholarship**, *top 10% of class*, awarded 4 times.
- 2005

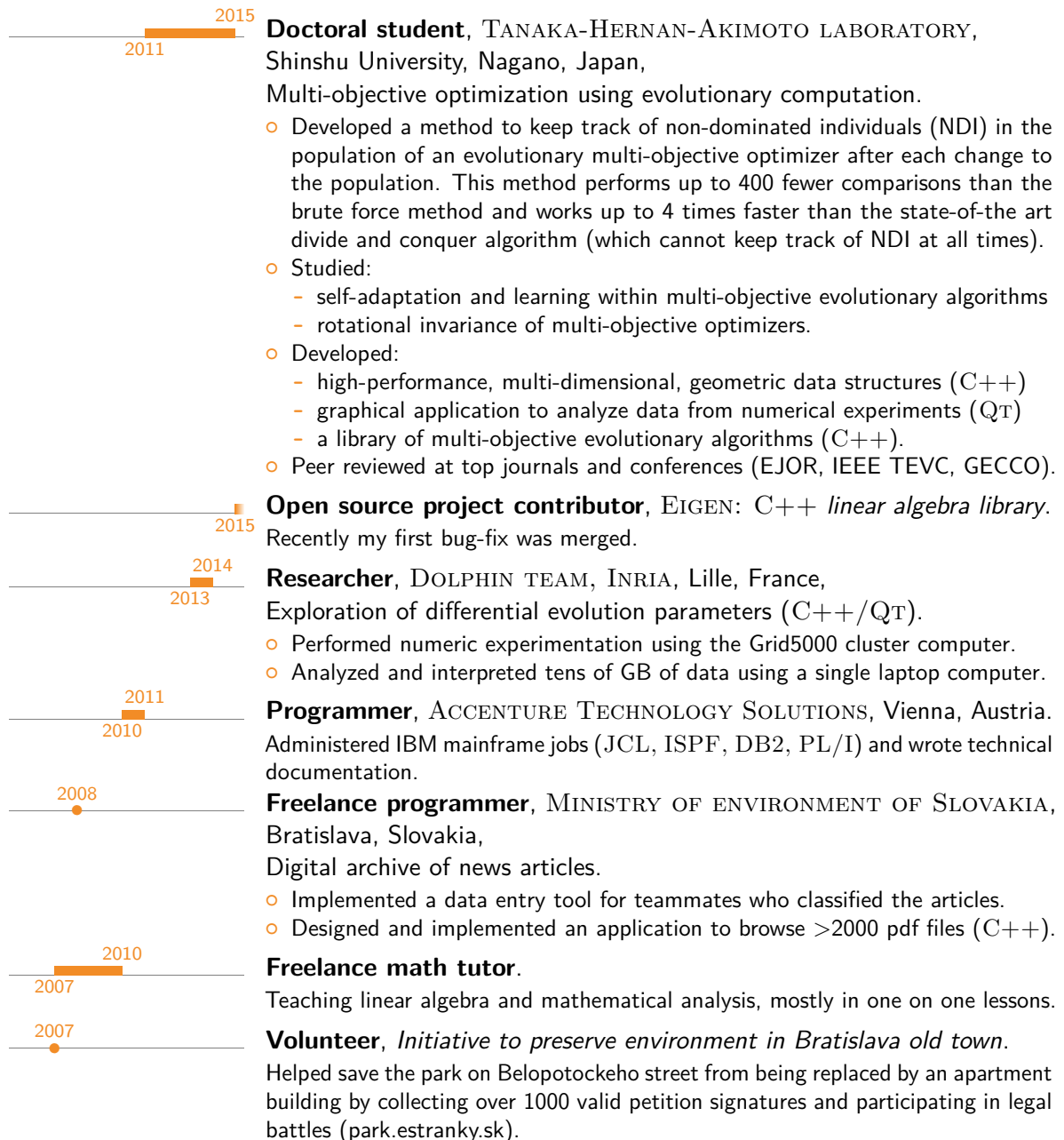
Languages

- | | | |
|-----------------|--------------|---|
| 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. |

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

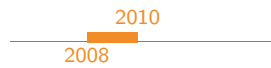


Formal education



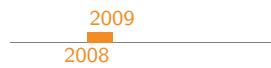
Doctorate, ENGINEERING (COMPUTER SCIENCE),
Department of Mathematics and System Development, Shinshu University,
Nagano, Japan.

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.