

NATALIA TYMCHUK

Personal Information

NATIONALITY: Ukrainian
BORN: 9.02.1991



Contacts

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6904, Lugano, Switzerland
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EDUCATION

- 2015 – now **Ph.D. in Informatics**
Università della Svizzera italiana, Lugano, Switzerland.
Advisor: Prof. Dr. Michele LANZA
- 2012 – 2013 **Master of Science in Mathematics**
Ivan Franko National University of Lviv, Ukraine.
Master's project: "Properties of loxodromic function" | Advisor: Prof. Dr. Andriy KONDRATYK
I got the diploma with honours.
- 2008 – 2012 **Bachelor of Science in Mathematics**
Ivan Franko National University of Lviv, Ukraine.
Bachelor's project: "Loxodromic functions" | Advisor: Prof. Dr. Andriy KONDRATYK
Course work: "Convex functions" | Advisor: Prof. Dr. Andriy KONDRATYK
- 2004 – 2008 **Highschool diploma**
Lviv Physics and Mathematics Lyceum
Specialization in Physics and Mathematics

EXPERIENCE AND PROJECTS

- MAR-SEP
2014 Project: **Voronj diagram builder for Roassal**
Responsibilities: development of Voronj (Voronoi) diagram builder in Pharo (Smalltalk dialect), using Roassal (agile visualisation engine).
You can read more here: natalia.tymch.uk/RTVoronjDiagram/
This project won first place in Second Visualization Contest with Roassal.
- MAY-OCT
2013 Project: **ODE solver for SciSmalltalk**
Google Summer of Code (mentored by ESUG)
Responsibilities: development ODE (Ordinary Differential Equations) solver for SciSmalltalk project in Pharo (Smalltalk dialect).
You can read more about this project here: gsoc2013.esug.org/projects/scismalltalk
or you can read more about what I did on my blog: blog.natalia.tymch.uk.

MASSIVE OPEN ONLINE COURSES

- 2013 [**An Introduction to Interactive Programming in Python**](#)
Coursera Rice University. Completion Score: 96.4/100
- 2012 [**Learn to Program: The Fundamentals**](#)
Coursera University of Toronto. Completion Score: 98,2/100

LANGUAGES

UKRAINIAN: Mothertongue
ENGLISH: Upper Intermediate
GERMAN: Basic
ITALIAN: Basic