

# NATALIA TYMCHUK

## Personal Information

NATIONALITY: Ukrainian  
BORN: 9.02.1991



## Contacts

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SITE: [natalia.tymch.uk](http://natalia.tymch.uk)

## 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/](http://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](http://gsoc2013.esug.org/projects/scismalltalk)  
or you can read more about what I did on my blog: [blog.natalia.tymch.uk](http://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