

Natalia Tymchuk

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I like to work with new stuff, and learn on-the-go, but always appreciate good teachings and advices that save a lot of time.

I'm trying hard to bring my skills to higher level, because I know that they are useful.

Technical Skills

Like: smalltalk, roassal, visualisation, voronoi, diagram, python, loxodromic-function, git, css, html, linux, economics

Experience

Voronj diagram builder for Roassal March 2014 - Current
smalltalk, math, pharo, roassal, git, monticello

Responsibilities: development of Voronj (Voronoi) diagram builder in Pharo (Smalltalk dialect), using Roassal (agile visualisation engine).

You can read more here: <http://natalia.tymchuk.me/RTVoronjDiagram/>

This project won first place in Second Visualization Contest with Roassal.

Summer of Code Developer—Google (mentored by ESUG) May 2013 - October 2013
smalltalk, pharo, ode, monticello, git, graph-et, smark, markdown, numerical-methods

Responsibilities: development ODE (Ordinary Differential Equations) solver for SciSmalltalk project in Pharo (Smalltalk dialect).

You can read more about this project here: <http://gsoc2013.esug.org/projects/scismalltalk>

or you can read more about what I did on my blog: <http://blog.natalia.tymchuk.me>

Education

M.S. in Mathematics—Ivan Franko National University of Lviv 2012 - 2013
Master's project: properties of loxodromic function.

I got the diploma with honours.

B.S. in Mathematics—Ivan Franko National University of Lviv 2008 - 2012
Course works: convex functions. Bachelor's project: loxodromic functions.

MOOC—(Massive Open Online Courses) 2012 - 2013

Completed Courses:

- **Learn to Program: The Fundamentals** (Coursera - University of Toronto). Completion Score: 98,2%
- **An Introduction to Interactive Programming in Python** (Coursera - Rice University).

High School Diploma—Lviv Physics and Mathematics Lyceum 2005 - 2008

Achievements in Economics:

- **2nd** place in *First Lviv Open Economics Olympiad* (2006)
- **3rd** place in *Regional Lviv Economics Olympiad* (2007)
- **2nd** place in *Regional Lviv Economics Olympiad* (2008)