Yuriy Tymchuk
Doctoral Assistant

Università della Svizzera Italiana
Via G. Buffi 13
6904 Lugano, Switzerland
☎ +41 (0)58 666 4293
✉ yuriy.tymchuk@usi.ch
🖥 yuriy.tymchuk.me

I'm a software engineer / computer scientist who just loves innovation, software development methodologies, teamwork and open source.

I cannot affiliate myself with any programing language in particular as I believe that writing a program is an art of shaping a software system, and programming languages are just the tools. However at the moment I believe that the best tool is Pharo/Smalltalk.

I like to lead, I like to make experiments, I hate when people are treated as resources.

Experience

Università della Svizzera Italiana   *Oct 2013–Present*

Doctoral Assistant

Modeling of software developers collaboration, based on the data mined from software repository.

Research on code quality assessment and code review, development of ViDI project.

City Media Digital AS   *Apr 2013–Sep 2013*

Software engineer

Pre-project research concerning web-application for leanbusiness.no.

Development of Relink project. Most of work was related to ruby on rails project, although javascript, html and so on parts were touched too. Contributed to git/CI workflow of the team.

RMoD, Inria   *Jan 2013–Apr 2013*

Intern

Research on AST metamodels. Development of FAST generic metamodel and symbol resolution algorithm.

InterLogic   *Aug 2012–Jan 2013*

Software engineer

Development of a Java3D applet for ventilation system configuration, with a backend in PHP and MySQL.

Unikernel Team (freelance)   *Mar 2010–Aug 2012*

Founder/Leader

Different websites made from scratch. Usually online shops, sometimes web apps with rich frontend.

Ukrainian Academic Research Network   *Feb 2009–Jul 2012*

System Administrator

Administration of the network, minor web development.

Skils

Experienced: Pharo/Smalltalk, Ruby+Rails, Java, Agile, git, TDD

Familiar: HTML, CSS, JavaScript, Scala, Objective-C, Python, C++, Lisp, MySQL, MongoDB, Mercurial, SVN

Education

Master of Science   *2012–2013*
Ivan Franko National University of Lviv
Specialization in Informatics

Bachelor of Science   *2008–2012*
Ivan Franko National University of Lviv
Specialization in Informatics

Highschool diploma   *2006–2008*
Lviv Physics and Mathematics Lyceum
Specialization in Physics and Mathematics

Member of MASU   *2006–2008*
Minor Academy of Sciences of Ukraine
"Whimsical Bride" - the graduation research project about statistics theory

Selected Publications

Code Review: Veni, ViDI, Vici, *Y. Tymchuk, A. Mocci, and M. Lanza*, In Proceedings of SANER 2015 (22nd IEEE International Conference on Software Analysis, Evolution, and Reengineering), to be published.

Collaboration in Open-source Projects: Myth or Reality?, *Y. Tymchuk, A. Mocci, and M. Lanza*, In Proceedings of MSR 2014 (11th Working Conference on Mining Software Repositories), pp. 304–307, ACM, 2014.

Generic Name Resolution with Metamodels, *Y. Tymchuk, B. Arezki, A. Etien, N. Anquetil, and S. Ducasse*, In Proceedings of BENEVOL 2013 (12th edition of the Belgian-Netherlands software evoLution seminar), 2013.

Personal Information

Date of Birth: Aug 11, 1991   **Citizenship**: Ukrainian
Place of Birth: Lviv, Ukraine   **Marital Status**: Maried

Languages

English: Proficient   **Polish (spoken)**: Intermediate
Ukrainian: Mother Tongue   **Russian (spoken)**: Intermediate
Italian: Basic

Hobby

Mountaineering, skiing, photography