Vladimir Kovalenko

Phone:	+31 627 197 256
Email:	v.v.kovalenko@tudelft.nl
Homepage:	vovak.me

Work Experience

Oct 2016 – Current | **PhD Candidate at Delft University of Technology, Delft, Netherlands**
Software Engineering Research Group

Research directions: data-driven software engineering tools, recommender systems in software engineering, user-centric evaluation of recommender systems, mining networks of peer-to-peer knowledge transfer from software repositories.

Google Scholar profile

Jun 2015 – Oct 2016 | **Software Developer at JetBrains, St. Petersburg, Russia**
Upsource team

Was responsible for design and implementation of features based on analysis of software development history in Upsource, a commercial code review tool.

Improved accuracy and performance of a code reviewer recommendation system.

Designed and implemented a warning system for reviews of changesets with risky code ownership distributions.

Implemented and maintained the repository analytics features.

Introduced new visualization patterns for discovery of points of interest in codebases of large software systems.

Jul 2014 – Jun 2015 | **Intern at JetBrains, St. Petersburg**

Did research on software defect prediction.

Introduced a novel approach to the problem of defect prediction, with emphasis on production applicability.

Designed and implemented a defect prediction tool making use of the approach.

Integrated the tool into the company's development environment and conducted the applicability examination.

Jan 2013 – Feb 2014 | **Intern at Yandex, St. Petersburg**

Implemented Selenium scenarios for regression testing of company's web services.

2009 – 2014 | **Private tutor (self-employed)**

Taught Mathematics, Informatics and Physics privately to high school students.

Led over 30 students to gaining sincere interest in the subject, desired scores on graduation exams, and olympiad awards.

Education

June 2015 | Master of Science in Applied Mathematics and Physics,
Nanotechnology Research and Education Centre of the Russian Academy of Sciences (the Academic University), St. Petersburg
Specialization: Software Engineering
Thesis: "Development of a software defect prediction tool" (in Russian)

June 2013 | Bachelor of Science in Physics, St. Petersburg Polytechnic University
Specialization: Astrophysics

LANGUAGES

ENGLISH:	Fluent
RUSSIAN:	Native
DUTCH:	*Een beetje*

ENGINEERING SKILLS

Production-grade software development:	Java, Kotlin, JavaScript, HTML/CSS
Technologies and frameworks:	JUnit, Spring, GWT, d3.js, Selenium, Protobuf, CI server plugin APIs (Jenkins/Hudson, TeamCity), static analysis tool APIs (FindBugs, PMD)
Comfortable with:	Python, LaTeX, *nix shell scripting, R

INTERESTS AND ACTIVITIES

Research interests:	Human-centric evaluation of recommender systems, analysis of added value of recommenders, mixed quantitative/qualitative methods, computational extraction of individual creative style, software team dynamics, developer onboarding process.
Other interests:	Programming, technology, behavioral science, knowledge discovery, data visualization, physics modeling algorithms, sound processing algorithms, computer vision, DIY electronics
Hobbies:	Playing music, long distance running