

# Dr. Vladimir Kovalenko

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 Homepage: [vovak.me](http://vovak.me)  
 Academic profiles: [Google Scholar](#) [dblp](#)

## Work Experience

Dec 2020 – Current	<p>Head of Research Lab at JetBrains N.V., Amsterdam, the Netherlands  <a href="#">Intelligent Collaboration Tools Lab</a></p> <p>Leading an R&amp;D lab of 10 people working on data-driven enhancements for collaboration tools in software engineering: recommender systems, analytics, socio-technical risk analysis, semantic search...</p>
Oct 2019 – Dec 2020	<p>Senior Researcher at JetBrains N.V., Amsterdam, the Netherlands          Machine Learning Methods in Software Engineering lab</p> <p>Started and led several key projects, advised on many others, mentored junior colleagues.          Notable projects: <a href="#">astminer</a> (envisioned and built the first version), <a href="#">language-agnostic code authorship attribution</a>, <a href="#">visualization of refactorings in IDE diff</a>.          I still retain a minimal affiliation with the lab and sporadically help where I can.</p>
Oct 2016 – Mar 2021	<p>PhD Candidate at Delft University of Technology, Delft, the Netherlands          Software Engineering Research Group</p> <p>Supervisors: <a href="#">Prof. Dr. Alberto Bacchelli</a> and <a href="#">Prof. Dr. Arie van Deursen</a>          Thesis: <a href="#">“Data-Driven Software Engineering”</a></p>
Jun 2015 – Oct 2016	<p>Software Developer at JetBrains, St. Petersburg, Russia  <a href="#">Upsource</a> team</p> <p>Designed, implemented and maintained most of the project analytics features.          Improved accuracy and performance of the code reviewer recommendation system.          Designed and implemented a warning system for risky code ownership patterns.</p>
Jul 2014 – Jun 2015	<p>Research Intern at JetBrains, St. Petersburg</p> <p>Did research on applicability of software defect prediction.</p>
Jan 2013 – Feb 2014	<p>Intern at Yandex, St. Petersburg</p> <p>Implemented Selenium scenarios for regression testing of web services.</p>
2009 – 2014	<p>Private tutor (self-employed)</p> <p>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.</p>

## Education

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- March 2021 Ph.D. in Software Engineering,  
[Delft University of Technology](#), Delft, the Netherlands  
Thesis: “Development of a software defect prediction tool” (in Russian)
- 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, Russia  
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

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- English: Fluent  
Russian: Native  
Dutch: Basic