

Rikhard Prydii — Curriculum Vitae

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State of residence Ukraine, GMT+2
Languages English, German, Ukrainian, Russian

Education

<i>from September 2012 to now</i> (Expected graduation date is June 2016)	BSc in Software Engineering	Taras Shevchenko National University of Kyiv, Faculty of Cybernetics
<i>from September 2010 to June 2012</i>	High School	Ukrainian Lyceum of Physics and Mathematics of Taras Shevchenko National University of Kyiv

Skills

- C++, Java, JavaScript, Lisp, Prolog.
- Spring Framework, Node.js
- Algorithms and data structures.
- Strong analytical skills for problem solving.
- Steady research competency.

Projects

- Image background removal tool.
Used GrowCut algorithm to select an object from an image with some chosen points from the background and the foreground | C++, Qt | 2 weeks x 1 engineer
- Adding features to the open source project Inkscape.
Improved usability of the working area and added file-formats for saving | C++, Gtk | 1 month x 2 engineers.
- Collaborative to-do list.
Online to-do list using operational transformations for real-time collaborating | JavaScript, Node.js | 2 months x 2 engineers
- Video analytics server.
Video analytics application server for 3-rd part analytics modules like auto plate recognition, sensor line crossing, counting people in a queue. Server matches video streams with video analytics and provide frontend for configuration, handles full it's lifecycle | Java, Spring, JPA, Jetty, JNI | 6 months x 4 engineers

Awards, Honors

- 2009: 49th All Ukrainian Olympiad in Mathematics – **third diploma**.
- 2011: [All Ukrainian Internet Olympiad in Informatics NetOI-2010](#) – **fourth place**.
- **2011: 24th All Ukrainian Olympiad in Informatics – first diploma (first place).**
- 2012: 25th All Ukrainian Olympiad in Informatics – **third diploma**.
- 2012: [All Ukrainian Internet Olympiad in Informatics NetOI-2011](#) – **ninth place**.
- 2012: Kyiv Olympiad in Mathematics (III stage), Ukraine – **third diploma**.
- 2012: [Russian Code Cup, Qualification round 2](#) – **72th** out of 546.
- 2013: [Facebook Hacker Cup, Round 1](#) – **234th** out of 3617.