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Andrii Borovyi

Title: Researcher/Tester at Darwin's Grove

Education

- 2006–2012 **Ph.D. in Computer Engineering**, *Ternopil National Economic University, (TNEU)*, Ternopil, Ukraine.
- 2005–2006 **Master**, *Ternopil State Ivan Pul'uj Technical University, (TSTU)*, Ternopil, Ukraine.
- 2004–2005 **Specialist**, *TSTU*, Ternopil.
- 2000–2004 **Bachelor**, *TSTU*, Ternopil.

Work experience

- 2014–present **Tester**, *Darwin's Grove company, Ukrainian team*, Lviv, Ukraine.
- Manual testing for desktop and Web-based software;
 - Automate testing for Web-based software;
 - Proposed usage of and introduced bug-tracking system, that simplified software-development process.
- 2013–2014 **Researcher**, *Darwin's Grove company, Ukrainian team*, Lviv, Ukraine.
- Research on Hierarchical Temporal Memory (HTM) for developing anchoring bias with artificial intelligence;
 - Developed server part (foreground) for simplifying HTM modeling.
- 2008–2013 **Lecturer**, *Department of Information Computing Systems and Control, TNEU*, Ternopil, Ukraine.
- Developed Java-based course on “Cross-platform development” in English;
 - Taught courses: “Object-oriented programming”, “Computer Networks” and “Introduction to Computer Science” in English and Ukrainian;
 - Published as a co-author a book “Computer Networks” in Ukrainian.
- 2006–2008 **Training lecturer**, *Department of Information Computing Systems and Control, TNEU*, Ternopil, Ukraine.
- Taught course: “Computer Networks”.
- 2006–2011 **Researcher**, *Research Institute of Intelligent Computer Systems, TNEU*, Ternopil, Ukraine.
- Responsible executor for national research project “Neural Network-based Methods for Evaluating CPUs Consumption While Instructions Execution” in 2011;
 - Responsible executor for national research project “Methods and Tools for Evaluating Power Consumption of Embedded Microprocessors” in 2009-2010;

- Scholarship holder from State Scholarship Foundation of Greek Republic for research activities at Aristotle University of Thessaloniki in 2009-2010;
 - Responsible executor for Greek-Ukrainian bilateral project “Instruction Parameters Analysis for Power Modelling of Embedded Microprocessors” in 2006-2007.
- 2003–2006 **Tester**, *Department of Computer Science, TSTU*, Ternopil, Ukraine.
- Administration and support of Department's domain, that includes near 40 PCs (Windows NT4.0/2000);
 - Support for Department's Linux server: authorization of Windows-clients via Samba.

Miscellaneous

- 2006–2011 **OrgCom member**, *IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems*, Dortmund, Germany, 2007; Rende, Italy, 2009; Prague, Czech Republic, 2011.
Conference web-page: www.idaacs.net.
- Preparation of \LaTeX papers (incl. formatting of the submitted ones);
 - Accommodation support.

Languages

Ukrainian	native
Russian, English	fluent
Greek	beginner

Computer skills

OS	Debian GNU/Linux, Windows
Programming languages	Java, Python, C++ (basics)
Frameworks	Django, Flask
Web languages and tools	HTML, CSS, JavaScript
IDE	Netbeans, Eclipse
Libraries	jFreeChart, flask-mysqldb
Other tools	Vim