# Peacock Natalia Yaroslavivna

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Peacock Natalia Yaroslavivna - Ph.D., Associate Professor Software Department, Institute of Computer Science and Information Technology, National University "Lviv Polytechnic".

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# general information

Born March 3, 1974. **Education** 2008 - the academic title of "Associate Professor Software Department";

2002 - PhD thesis "Modeling of ultrasonic testing of bulk elastic media with inhomogeneities [Text]: Dis ... Cand. Sc. Sciences: 01.05.02 / Natalie Peacock Yaroslavivna; National University "Lviv Polytechnic" . - L., 2002. - 144 pages. - ff. 128-136. ";

Supervisor: Doctor of Physical and Mathematical Sciences, Ph.D. Yemets Vladimir Fedorovich, National University "Lviv Polytechnic"

1996-2001 biennium. - Graduate School of the State University "Lviv Polytechnic";

1991-1996. - Lviv National Ivan Franko University, Faculty of Applied Mathematics.

#### **Training**

2006 - IT training company "SoftServe"

2007 - Microsoft courses under the program «Microsoft SQLServer 2005 Essentials»

2006-2007 academic year - Course seminarivpsyholoho pedagogical knowledge at the National University "Lviv Polytechnic"

**Current jobs** 

#### Peacock Natalia Yaroslavivna



Ph.D., associate professor

Date of birth	March 3, 1974

**Citizenship** Ukraine

alma mater Lviv National Ivan Franko

University

expiration date 1996

Specialty "Applied Mathematics"

mathematics, computer modeling processes ultrasonic testing;

Research interests methods and tools for developing

and managing databases.

**Degree** Ph.D.

Doctor of Physical and

Mathematical Sciences, Senior

**Supervisor** Yemets Vladimir Fedorovich,

National University "Lviv

Polytechnic"

Date of assigning NS 2003
Academic status docent
Date of assigning VZ 2008

Software Department , Institute of

Computer Science and Information

Technology, National University

"Lviv Polytechnic".

2009 - Microsoft courses under the program «Effective Team Development using Microsoft Visual Studio Team System» ( «Problems teamwork in software development")

2013 - IT training company "SoftServe"

#### Career:

From 2006 to present - Associate Software Department of the National University "Lviv Polytechnic"; 2003-2006. - Senior Lecturer of Software Department of the National University "Lviv Polytechnic"; 2002-2003. - Assistant Software Department of the National University "Lviv Polytechnic"; 2000-2002. - Assistant Professor of computer State University "Lviv Polytechnic";

1996-2001 biennium. - graduate student of the State University "Lviv Polytechnic".

## **Educational activity**

### Courses that are taught:

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"Human-Computer Interaction";

"Databases";

"Databases (CR)";

"Systems Engineering business intelligence";

"Engineering of storage and data processing";

"Warehouses and spatial data."
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### Research interests

 $mathematics, \ computer \ modeling \ processes \ ultrasonic \ testing;$ 

methods and tools for developing and managing databases.

## **Selected publications**

More than 30 scientific articles in periodicals, materials of different conferences.

#### **Major Publications:**

Peacock NY, Kostyrko IP Features of technology web sockets for asynchronous client-server interaction web applications .// Journal of National University "Lviv Polytechnic" : Computer systems and networks. - Lviv, 2012. - № 745 - P. 139-147.

Kutelmah R. Peacock N., H. Andrukhiv algorithmic and image processing software in the operating system MAC OS X. // Bulletin of the National University "Lviv Polytechnic" : Computer Science tainformatsiyni technology. - Lviv, 2012. - № 744 - P. 264-270.

Peacock N., T. Cancer Algorithmic means of removable media fire-rescue vehicle. // Journal of National University "Lviv Polytechnic", Computer Science and informatsiynitehnolohiyi. - Lviv, 2010. - № 672 - P. 301-307.

Peacock N., T. Cancer methods and tools promoted fire-rescue vehicle. // Journal of National University "Lviv Polytechnic", Computer Science and Information Technology. - Lviv, 2009. - number 663 - P. 210-215.

### **Educational development:**

Peacock NY Human-Computer Interaction: Lecture for students of the Institute of Computer Science and Information Technology base direction 6.050103 Software Engineering. - Lviv: Publishing Lviv Polytechnic National University , 2013. - 100 p.

Guidance for the formation of an explanatory note to the degree project students directly 6.050103 "Software Engineering" all forms of education / Ed. Levus EV, EE Bilas, peacock NY, Tushnytskyy RB, Petrov DV - Lviv: Publishing Lviv Polytechnic National University, 2012. - 40 p.

Development of web-pages using HTML and Java Script: Guidance for laboratory works on discipline "Programming Internet applications" for students basic direction 6.050103 "Software Engineering" / Ed. R.A.Melnyk, N.Ya.Pavych, M.M.Seniv. - Lviv: Samizdat Software Department of the National University "Lviv Polytechnic", Reg. Number 3937.2012. - 32c.

Basics of Transact-SQL: Guidance for laboratory works on discipline "Databases" directly to students "Software Engineering" / Ed .: NY Peacock RB Tushnytskyy. - Lviv: Publishing Lviv Polytechnic National University , 2010. - 60 p.

## **Contacts**

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