Jana Lovíšková

(+421) 908329184 | janka.loviskova@gmail.com | Sokolská 4, 81104, Bratislava, Slovakia

● WORK EXPERIENCE

01/09/2019 – CURRENT
SCIENTIST – INSTITUTE OF INFORMATICS SAS

Science and research activity in the field of discrete processes modelling and control with focus on discreet optimization through the use of evolutionary and biologically inspired computing methods

Bratislava, Slovakia

01/01/2019 – 31/08/2019
SOFTWARE ENGINEER – ACCENTURE TECHNOLOGY SOLUTIONS

Analysis, design, build, implementation, testing and/or maintenance of system components or applications for client

Bratislava, Slovakia

15/02/2015 – 31/12/2018
SCIENTIST – INSTITUTE OF INFORMATICS SAS

Science and research activity in the field of discrete processes modelling and control with focus on discreet optimization through the use of evolutionary and biologically inspired computing methods
Participation on projects:
VEGA 2/0194/13 "Cooperation and coordination of mobile agents"
VEGA 2/0154/16 "Network control of heterogeneous multi-agent systems"

Bratislava, Slovakia

15/09/2011 – 14/02/2015
HIGH SCHOOL TEACHER AS A PROFESSIONAL ASSISTANT – UNIVERSITY OF ECONOMICS IN BRATISLAVA, SLOVAKIA

Study and processing of scientific and professional literature for the purpose of research of the department, solving of the complete range of the scientific and research tasks of the department, conceptual work on the preparation and evaluation of scientific-research tasks of the department, organizational assurance of opponents, application of research results to economic practice, application of research results to pedagogical work and preparation of training tools, active participation in the educational activities of the department
Participation on projects:
EU Bratislava (Faculty of Business Management) - VEGA 1/1100/11 "Process management in business development in Slovakia"
MtF STU Trnava - VEGA 1/0448/13 "Transformation of the ergonomic program into the enterprise management structure by integrating and using the QMS, EMS, HSMS modules"

● EDUCATION AND TRAINING

10/2005 – 08/2010 – Slovakia
PHILOSOPHIAE DOCTOR (PHD.), STUDY PROGRAMME - INDUSTRIAL MANAGEMENT – Faculty of Materials Science and Technology STU in Bratislava

Theme of dissertation work:
"Proposal for the use of predictive methods of financial-economic analysis as a tool for corporate finance management"

09/1996 – 05/2001 – Slovakia
ENGINEER (ING.), STUDY PROGRAMME - INDUSTRIAL MANAGEMENT – Faculty of Materials Science and Technology STU in Bratislava

Theme of diploma work:
"Evaluating the effectiveness of the selected investment plan of the company"

LANGUAGE SKILLS

Mother tongue(s): **SLOVAK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B1	B1	B2
GERMAN	B2	B2	B1	B1	B2
RUSSIAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

Solving the 3-SAT problem using genetic algorithms

2015
Conference: INES 2015
At: Bratislava, Slovakia

Generalized selection method

https://doi.org/10.31577/cai_2019_6_1418 – 2019
In Computing and informatics, 2019, vol. 38, no. 6, p. 1418-1443. (2018: 0.421 - IF, Q4 - JCR, 0.186 - SJR, Q3 - SJR, karentované - CCC). (2019 - Current Contents). ISSN 1335-9150.

Control of modal properties of beam structures using the reinforcing core

2021
In Proceedings of computational mechanics 2021. - Plzeň, Czech Republic : University of West Bohemia, 2021, p. 161-164. ISBN 978-80-261-1059-0. (Computational Mechanics 2021 : 36th conference with international participation) Typ: BEE

ORGANISATIONAL SKILLS

Organisational skills

organizational and managing skills - acquired in managing and coordinating project teams in the process of implementing EU Structural Funds projects

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

ability to work as a member of the team - acquired in practice during membership in various project teams (EU Structural Funds projects, VEGA projects)

JOB-RELATED SKILLS

Job-related skills

programming skills - MATLAB, C#, Python
.NET, SQL, Git, Django Rest Framework

COURSES

Courses

C# Developer (*main scopes:* Data types, Arrays and Lists, Program flow control, Object-oriented programming, Classes, Inheritance, Interfaces, .NET Framework, Exceptions, Delegates, Anonymous methods, Lambda Expressions, Events, Generics, Collections, LINQ, Extension methods, File I/O, GIT, Data Access, Entity Framework, Desktop Applications, WPF, Web apps, ASP.NET MVC, Web Services in .NET, ASP.NET API, Application design, Azure cloud)

CERTIFICATIONS

Certifications

Tecnomatix - Plant Simulation Basic, Plant Simulation Advanced
MATLAB I, MATLAB II
C/C++ pre-intermediate

CITATIONS

Citations

2