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SCRISOARE DE MOTIVARE

pentru susținerea candidaturii pentru mandatul de membru în Consiliul Facultății de Matematică și Informatică

Subsemnatul, Găianu Mihail, prin prezenta doresc să vă prezint candidatura la funcția de membru în Consiliul Facultății de Matematică și Informatică, pentru mandatul 2020–2024.

Sunt absolvent al Facultății de Matematică și Informatică, din cadrul Universității de Vest din Timișoara. Unul din motivele candidaturii mele îl reprezintă dorința de a aduce simplitate, transparență, eficiență și rigurozitate în activitățile desfășurate în cadrul facultății. Totodată, consider că mă caracterizează seriozitatea, perseverența, lucrul bine făcut și atitudinea pozitivă în față provocărilor și a vieții, în general. Întotdeauna voi susține că cinstea și sinceritatea primează în fața corectitudinii politice și a fățărniciei contextuale. Îmbunătățirea profesională în activitatea didactică, în învățământul universitar, reprezintă o altă dimensiune a crezului meu academic. Ca și obiective, îmi propun să sprijin demersurile făcute de conducerea FMI în vederea atingerii scopurilor strategice și operaționale stabilite, precum și respectarea normelor de asigurare a calității, a eticii și a bunei conduite universitare.

DECLARAȚIE

Subsemnatul, lector univ. dr. GĂIANU MIHAIL, candidat pentru un mandat de membru în Consiliul Facultății de Matematică și Informatică din cadrul Universității de Vest din Timișoara, prin prezenta, declar pe proprie răspundere ca nu am fost lucrător sau colaborator al Securității.

Timișoara,

28.10.2021

PERSONAL INFORMATION

GĂIANU MIHAIL

Bd. Vasile Pârvan, nr. 4, Timișoara, 30223, România, cam. 115

http://staff.fmi.uvt.ro/~mihail.gaianu/

Sex Male | Date of birth 19/02/1984 | Nationality Romanian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

Consiliul Facultății de Matematică și Informatică, Universitatea de Vest din Timșoara

WORK EXPERIENCE

February 2017 - present

Software Engineer

ID Department

Continental Automotive Romania SRL

Automotive: Private Sector

February 2015 - present

Lecturer

West University of Timișoara, Faculty of Mathematics and Computer Science, Department of Informatics, Timișoara, Bv. Vasile Parvan, No.4

- Name of lectures: Basics of Informatics, Graphics and User Interfaces, Processing Systems in Real Time, Computer Networks, Image Processing.
- Coordinator of Bachelor thesis and Master thesis.
- Participation and coordination of projects / grants

Teacher. Public sector

March 2010 – February 2015

Assistant

West University of Timișoara, Faculty of Mathematics and Computer Science, Department of Informatics, Timișoara, Bv. Vasile Parvan, No.4

- Name of lectures: Basics of Informatics, Graphics and User Interfaces, Processing Systems in Real Time.
- Teaching seminars and laboratories for: Basics of Informatics, Graphics and User Interfaces, Processing Systems in Real Time, Computer Networks, Image Processing, Web Technologies, Security and Cryptography, Individual Project, Computer Architecture, Team Project.
- Coordinator of Bachelor thesis and Master thesis.
- Participation and coordination of projects / grants

Teacher. Public sector

February 2008 – February 2010

Junior Assistant

West University of Timișoara, Faculty of Mathematics and Computer Science, Department of Informatics, Timișoara, Bv. Vasile Parvan, No.4

- Teaching seminars and laboratories for: Programming, Computer Networks, Image Processing, Web Technologies, Security and Cryptography, Individual Project, Computer Architecture, Team Project, Management of Informatics Systems, Computational Analysis.
- Participation and coordination of projects / grants

Teacher. Public sector

EDUCATION AND TRAINING

2008-2011 **Phd. in Mathematics**

West University of Timişoara, Faculty of Mathematics and Computer Science, Timişoara, Bv. Vasile Parvan, No.4, Romania

- Mathematics

2007-2009 **Master degree in Computer Sciences**

West University of Timişoara, Faculty of Mathematics and Computer Science, Timişoara, Bv. Vasile Parvan, No.4, Romania

- Computer Sciences

2003-2007 **Bachelor degree in Mathematics and Computer Sciences**

1999-2003 **High school diploma**

Colegiul National "Gheorghe Lazar" - Sibiu

- Science department – class of Informatics
- Mathematics and Computer Sciences

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
German	A2	A2	A2	A2	A2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Team spirit, ability to adapt to multicultural environments, good communication skills, good negotiator - acquired in teaching activities carried out from West University of Timişoara in collaboration with colleagues and students in the teaching and scientific activities undertaken in the country and abroad. Also these skills were acquired in the context of student activities as advisor and student senator at the West University of Timişoara, and in the ASSEUT student organization as director of projects.

Organisational / managerial skills

Leadership, organizational skills, good experience of project and team management acquired as project manager at the West University of Timisoara and R&B Consulting S.R.L., respectively:

Program/Project	Period:
Profesionalism pe piaţa muncii în Regiunea de Vest - R&B Consulting S.R.L.	2014-2015
POS DRU Grant – Host - FP7-REGPOT-CT-2011-284595-HOST	2012-2013
Assisted Methods in Mathematical Models (ACAMIMM) – ERA/2011/IP/W/0028	2011-2013

Job-related skills

Mathematical skills acquired during the training, consisting of mathematical terms and concepts including the most relevant theorems of geometry and algebra, mathematical differentiation of different types of sentences (something is an assertion or assumption, etc), understanding the scope and limitations of a given concept knowledge of what is (or is not) a demonstration, mathematical proof. Teaching skills, teaching subjects formed as a result of programming, computer networks, security and cryptography, information systems management etc. at the Faculty of Mathematics and Computer Science, University of Timisoara, consisting of:

- capacity to know and understand the subject of education;
- ability to stimulate the creativity necessary for adapting to the new conditions arising during the ongoing educational / training actions;
- capacity to link the educational reality with the specific general intelligence;
- knowledge and ability to understand the student as intellectual, affective, motivational, volitional, reality;
- capacity of information transmission to different levels of understanding and applications exploited in a priority and formative way.

Computer skills

Competence in using computers effectively in all categories of peripheral interconnection with their adaptable, efficient use of programs and developed for industrial processes, business processes, human processes and socio-cultural processes involving and using the computer. These skills were acquired through initial training as a computer analyst and programmer experience as well as professor and researcher in the Faculty of Mathematics and Computer Science, at West University of Timisoara.

Other skills

During the period of general education, taking part to special classes I acquired skills in ballroom dance and painting history that later turned into hobbies. In the same formative way I can mention a good knowledge of classical music as well as of the main values from musical, composing and performing field.
Also, as a hobby I consider the perennial values of art and culture like painting, sculpture, photography, ballet, opera, symphonic music, popular music, different genres of pop, rock, literature etc.

Driving licence

- B

ANNEX 1

Conference papers

1	Debora Gil, Antonio Esteban-Lansaque, Sebastian Stefaniga, Mihail Gaianu, Carles Sanchez	Debora Gil, Antonio Esteban-Lansaque, Sebastian Stefaniga, Mihail Gaianu, Carles Sanchez	CLIP, MICCAI	International Workshop, UNSURE 2019, and 8th International Workshop, CLIP 2019, Held in Conjunction with MICCAI 2019, Shenzhen, China, October 17, 2019, DOI: https://doi.org/10.1007/978-3-030-32689-0_16	2019
2	Face detection and recognition methods using deep learning in autonomous driving	Sebastian-Aurelian Ștefănigă, Mihail Găianu	SYNASC	Proceedings of 19th International Symposium on Symbolic and Numeric Algorithm for Scientific Computing, 2018, DOI: 10.1109/SYNASC.2018.00060	2018
3	Performance analysis of morphological operation in CPU and GPU for medical images	Sebastian-Aurelian Ștefănigă, Mihail Găianu	SYNASC	Proceedings of 19th International Symposium on Symbolic and Numeric Algorithm for Scientific Computing, 2017, DOI: 10.1109/SYNASC.2017.00068	2017
4	Multiphase Identication in Microstructures Images Using a GPU Accelerated Fuzzy C-Means Segmentation	Onchis, D, M., Frunzaverde, D., Găianu, M., Ciubotariu, R	SYNASC	Proceedings of 16th International Symposium on Symbolic and Numeric Algorithm for Scientific Computing, 2014, DOI: 10.1109/SYNASC.2014.86	2015

Journal papers

1	Face and marker detection using Gabor frames on GPUs,	Găianu M., Onchis D. M.	Signal Processing	96, Part A, 90-93	2014
2	Erosion based Method for Quantification of Facial Palsy	Găianu M., Cristescu G., Onchis D. M	International Journal of Computers, Communications & Control	8, pp416-424	2013
3	Regularity properties and integral inequalities related to (k; h1; h2)-convexity of functions	Gabriela Cristescu, Mihail Găianu, Awan Muhammad Uzair	Annals of West University of Timisoara-Mathematics and Computer Science	53, 1, 19-35	2015
4	Integral inequalities for (Orlicz, Breckner) co-ordinated convex functions on rectangles	Gabriela Cristescu, Muhammad Aslam Noor, Muhammad Uzair Awan, Mihail Gaianu	Annals of West University of Timisoara-Mathematics and Computer Science	17-28	2015
5	Special issue on GeToHa	Pedro Real, Darian Onchis, Helena Molina-Abril, Mihail Gaianu	Pattern Recognition Letters	83, 1-2	2016
6	Ground Truth Data Generator for Eye Location on Infrared Driver Recordings	Sorin Valcan, Mihail Gaianu	Journal of Imaging	7(9), 162	2021

ANNEX 2

Keynote/invited speaker at events/ universities

Workshop of INNOHPC High-performance Computing for Effective Innovation in the Danube Region, Timisoara, 2017
Piloting workshop of INNOHPC High-performance Computing for Effective Innovation in the Danube Region for automotive and electronic industry, Timisoara, 2018

Sceintific events

Conferinta SYNASC 2013 (http://synasc.ro)	Organizing committee member
Conferinta SYNASC 2014 (http://synasc.ro)	Organizing committee member
Conferinta SYNASC 2015 (http://synasc.ro)	Organizing committee member
Conferinta SYNASC 2016 (http://synasc.ro)	Organizing committee member
Workshop DIPMAI Conferinta SYNASC 2017 (http://synasc.ro)	Organizing committee member
Workshop DIPMAI Conferinta SYNASC 2018 (http://synasc.ro)	Organizing committee member
Workshop DIPMAI Conferinta SYNASC 2019 (http://synasc.ro)	Organizing committee member
Workshop DIPMAI Conferinta SYNASC 2020 (http://synasc.ro)	Organizing committee member

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