

SCRISOARE DE MOTIVARE

Stimați colegi,

Subsemnatul, **Mihail GĂIANU**, lector universitar doctor la Facultatea de Matematică și Informatică din cadrul Universității de Vest din Timișoara, membru al Departamentului de Informatică, prin prezenta doresc să vă aduc la cunoștință candidatura mea ca *membru în Senatul Universității* pentru Facultatea de Matematică și Informatică.

Activitatea desfășurată în Universitatea de Vest din Timișoara, pe lângă activitatea didactică a însemnat și implicarea în diverse activități administrative și de cercetare.

Apreciez că întreaga mea activitate reflectă faptul că mi-am dezvoltat competențele profesionale și m-am implicat cu succes în activitățile didactice și în cele administrative de la nivelul facultății.

Desfășurarea activităților specifice, pentru fiecare nivel organizatoric unde am fost implicat, consider că a fost marcată de urmărirea coagulării unui spirit de echipă, colegialitate, moralitate și etică profesională. De asemenea, consider că, modul în care am gestionat diversele responsabilități asumate până în acest moment, constituie o garanție că și în mandatul 2020-2024 pot să mă implic în desfășurarea unei activități performante a Senatului UVT.

Candidez pentru membru în Senatul Universității de Vest din Timișoara animat de credința că democrația academică din UVT are nevoie de consolidarea și de dezvoltarea continuă, de dezbateră și adoptarea unor noi politici academice în mandatul 2020-2024.

Ca viitor membru în Senatul UVT îmi propun să contribui la consolidarea culturii organizaționale democratice din Universitatea noastră, la dezvoltarea unui cadru legislativ coerent și transparent, la îmbunătățirea politicilor academice specifice mediului nostru universitar.

Dintre principiile și valorile care m-au ghidat în activitatea mea fac parte:

- claritate, transparența și coerență în privința regulilor și a normelor stabilite, a documentelor de politici academice și a acțiunilor întreprinse,
- promovarea principiului meritului dar și a principiului echității, cu respect pentru diversitatea și complementaritatea domeniilor de cercetare și de formare din UVT.

Sunt convins că numai împreună, Conducerea UVT, cadrele didactice, personalul administrativ precum și studenții, putem să menținem Universitatea de Vest din Timișoara în topul celor mai importante Universități din România.

Consider că eu împreună cu ceilalți membrii Senatului UVT, membrii ai forului de decizie cel mai înalt al Universității, putem să facem prin deciziile noastre, din UVT un loc de muncă dinamic, prosper academic și social.

Timișoara, 14. 11. 2019



DECLARAȚIE

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

Timișoara,

15.11.2019



PERSONAL INFORMATION

GĂIANU MIHAIL


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 mihail.gaianu@e-uvt.ro
 <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

Membru în Senatul Universității 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 Timișoara, Faculty of Mathematics and Computer Science, Timișoara, Bv. Vasile Parvan, No.4, Romania
- Mathematics
- 2007-2009 **Master degree in Computer Sciences**
 West University of Timișoara, Faculty of Mathematics and Computer Science, Timișoara, 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 Timișoara 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 Timișoara, 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 piața 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/PAW/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

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ANNEX 1

Conference papers

| | | | | | |
|---|--|---|--------------|---|------|
| 1 | Debora Gil, Antonio Esteban-Lansaque, Sebastian Stefaniga, Mihail Gaiianu, Carles Sanchez | Debora Gil, Antonio Esteban-Lansaque, Sebastian Stefaniga, Mihail Gaiianu, 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 Ștefăniță, 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 Ștefăniță, 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 Identification 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 $(k; h_1; h_2)$ -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 Gaiianu | 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 Gaiianu | Pattern Recognition Letters | 83, 1-2 | 2016 |



ANNEX 2

Keynote/invited speaker at events/ universities

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| 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 |

Scientific 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 |

