PERSONAL INFORMATION

Mariam Zakariashvili

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Sex female | Date of birth 30/08/1956| Nationality Georgian

JOB APPLIED FOR POSITION

1. Academic staff

WORK EXPERIENCE

From 1 September 2005 till now	Associate Professor of the Department of Informatics Iakob Gogebashvili Telavi State University, 1st building, 3rd floor, room num. 54 1, Kartuli Universiteti street, Telavi, 2200, Georgia +995 350 27 24 01, info@tesau.edu.ge, http://www.tesau.edu.ge • Lecturer of Informational Technologies **Informatics**
From September 2007 till now	Teacher of Mathematics, Informatics , head of the Department of Mathematics-Informatics Public school #5, 43, Kvirike Didi street, Telavi, 2200, Georgia +995 350 27 31 34; mexuteskola@gmail.com; http://www.mexuteskola.ge • Teaching of Informational-Communication Technologies and Mathematics
From 1 September 2000 to 1 September 2005	Responsible of Informational Technologies Teaching-Methodical Centre Iakob Gogebashvili Telavi State University, 1st building, 5th floor, room num. 101 1, Kartuli Universiteti street, Telavi, 2200, Georgia +995 350 27 24 01, info@tesau.edu.ge, http://www.tesau.edu.ge • Lecturer of Informational Technologies **Informatics**
From September 1994 to September 2000	Teacher of the Chair of Mathematics Iakob Gogebashvili Telavi State University, 1st building, 4th floor, room num. 75 1 Kartuli Universiteti street, Telavi, 2200, Georgia +995 350 27 24 01, info@tesau.edu.ge, http://www.tesau.edu.ge • Lecturer of Mathematics and Informational Technologies **Informatics**
From 1 September 1996 - to September 2000	Designer of Computational Graphics Telavi Independent TV Company "Tanamgzavri" Designe of TV programs with computational Graphics
From 1 September 1978 - 1 to September 1999	Teacher of Mathematics, Informatics Telavi Public Schools VII, IV Teaching of Informational-Communication Technologies and Mathematics

EDUCATION AND TRAINING

September, 2016 – July, 2017	Participant of Primary education project of Georgia GPriED training-program. Coach in mathematics. September, 2016 – July, 2017.
12-20 March, 2017	Educational exchange program "Erasmus +", academic staff, informational technologies. Angel Kanchev University of Ruse, Bulgaria. (https://www.uni-ruse.bg)
From 3 March-18 April 2014	France, University of Poitiers . XLIM – SIC (Signal, image, Communication) Laboratory of the University of Poitiers. ERASMUS MUNDUS – beneficiary of Erasmus Mundus- Acad Staff . Erasmus Mundus; Webb, Whole Europe Beyond the Borders, Erasmus Mundus action 2 Lot 5 – Strand 1, www.unibo.it/webb.
From 26 September to 28, 2013	Teachers' Professional Training Centre, training, Dynamic Mathematics- Geogebra Virtual Laboratory Ministry of Education and Science of Georgia, Tbilisi , Georgia
From 15 to 17 February 2013	Teachers' Professional Training Centre, training, Static Resources, Windows Move Maker. Ministry of Education and Science of Georgia, Tbilisi, Georgia
From 21 to 23 Mars 2012	Teachers' Professional Training Centre, training, Web-Design,- HTML Ministry of Education and Science of Georgia, Tbilisi , Georgia
From 20 to 27 February 2011	Teachers' Professional Training Centre, training, educational electronic games in teaching. Ministry of Education and Science of Georgia, Tbilisi , Georgia Methodology for making electronic educational game
From 26 September 2006 to 07 January 2007	Qualification raising probation - introducing informational technologies in the processes of medical examination, diagnostics, data processing ; Computational methodology for controlling databases of medical diagnostic research centre Post-graduate Course (scientific degree searcher). France, Branch of Informational Systems of Yonne Department General Council, Yonne Department Diagnostic Medical Biological, Radiological Research Centers.
From 1 September 1997 to 30 November 2002	Tbilisi Pedagogical Institute, Ivane Javakhishvili Tbilisi State University (TSU) – Computers mathematical maintenance and mathematical modeling department of the faculty of Applied Mathematics and Computational Sciences.; Georgia
	Title of the PHD Thesis "Interdisciplinary Connection between Informatics and Mathematics as the Way of forming algorithmic Culture". Scientific academic degree – candidate of pedagogical sciences in major of Teaching Methods of Informatics
From 1 to 30 October 1997	Computational Graphics and Design
	Training for TV Companies by Internews Tbilisi Movie House, Georgia
From 1978- to 1994	▪ Skills for working in 3D MAX Qualification raising courses for the teachers of Mathematics and Informatics, also for the chairmen of Method-Association of Informatics (regional, republican), amongst in Lomonosov Moscow State University on the basis of selecting teachers of Informatics preliminarily for the competition.
	Replace with education or training organisation's name and locality (if relevant, country)
From 1973- to 1978	▪ Methodology for teaching Informatics, Mathematics Telavi State University. Specialization - Mathematics-Physics Diploma with honor.
	Telavi, Georgia; qualification – teacher of Mathematics-Physics.
From 1963- to 1973	Telavi Secondary School IV ; Telavi,Georgia

Secondary general education

PERSONAL SKILLS ◼

Mother tongue(s)   Georgian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English

FOREIGN LANGUAGE TEACHING AND PROFESSIONAL TRAINING CENTER OF TELAVI STATE UNIVERSITY - B1				

French

A2	A2	A2	A2	A2

Russian

B1	B1	B1	B1	B1

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

Communication skills
- Skill of adapting in multicultural environment, that was gained in abroad during probation, participation in international conferences, seminars;
- Skill of working in groups, that was gained during qualification raising trainings;

Skill of communication with colleagues in business environment and with students during the teaching process.

Organisational / managerial skills
- Leadership – acquired through leading the conference; leading the group during working on projects and presenting findings; controlling the group while having a rest.

Job-related skills
- Good command of quality control processes in teaching process

Computer skills   ▪ good command of Microsoft Office tools; Publishing programs; Adobe platforms and etc...

Other skills   ▪ playing the piano, singing, dancing

Driving licence   ▪ B

ADDITIONAL INFORMATION ◼

Publications   Annexe - publications or research

Conferences
Memberships   Annexe - Conference
- Secretary of Scientific Board of the School of Exact and Natural Sciences at Telavi State University
- Head of the program Information Technology on BA level

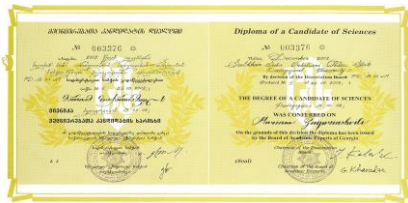**References**   Annexe – References; Textbooks; Lecture; Reader

ADDITIONAL ACTIVITIES

Annexe - Aditional Activities

ANNEXES

▪ copies of degrees and qualifications;
▪ publications or research.
▪ Conferences
▪ References; Textbooks; Lecture; Reader
▪ Aditional Activities

Annexe - Copies of degrees and qualifications

Annexe - Publications or research

1. **Computational Modeling of Agrarian and Economical Processes**;Article;Russian Transactions Department of Economical Sciences; №3(13), Moscow; pg. 32-34;2012
2. **Georgian Perspective of Electronic Teaching**;Article;International periodical scientific journal "INTELECT", TBILISI; N2[40], pg.75-77;[ISSN 1125-0333];August; 2011
3. **Computational Modeling of Geographical Observations**;Article;International Periodical Scientific Journal "INTELECT" N3(38), Tbilisi; http://www.intelecti.ge;pg.28-33, [ISSN 1125-0333]; 2010
4. **Computational Modeling of Correlative-Regressive Methods**; Article; Monthly International Reviewed and Refereed Scientific Journal "Economics";http://www.economika.com.ge;N7-9, pg. 97-105. 2010 ISSN 0206-2828; 2010
5. **Virtual Experiment in Mathematics**; Article; Republic Of Armenia.Ministry of Education and Science.STATE UNIVERSITY OF GAVAR. N12, 2010 pg. 37-41; 2010

Annexe - Conferences

1. **Digital Learning Environment for supporting Inclusive Education at Iakob Gogebashvili Telavi State University.** Abstract Book of International Scientific Conference of EU Erasmus + procect DARE (Developing programs for Access of disadvantaged groups of people and Regions to higher Education) Project. Sokhumi State University, Inclusive Education Research, learning, teaching and Student Support International Scientific Conference 20-21 November, 2017, Tbilisi.

2. **Interactive testing technology - Electronic Learning Management System – MOODLE.** Article. International Scientific Conference "Intercultural Dialogues". Telavi State University. www.tesau.edu.ge   Conference materials. 27-29th of October, 2017.

3. **Projecting of an e-learning training course on the LMS MOODLE environment**. Article; Conference materials; Ministry of Education and Science of Azerbaijan. Ganja State University. Second International Conference of Young Scientists. 17-18th October, 2017.

4. **Pedagogical and technological aspects of electronic learning environment MOODLE-LMS.** Article. Akaki Tsereteli State University; VII International Scientific and Practical Conference - "INTERNET AND SOCIETY"; INSO – 2017; www.inso.ge 7-8 July 2017; Conference materials.

5. **Media Technologies in Education. New Culture of Studying-teaching,** ABSTRACT; XXVII International Conference PROBLEMS OF DECISION MAKING UNDER UNCERTAINTIES -(PDMU-2016)**;** TBILISI-BATUMI, GEORGIA; 23-27 May 2016 **Web2 - Digital technology on Portfolio blog**. ABSTRACT. IV International-Scientific Conference "Computing/Informatics, Education Sciences, Teacher Education**" ;** Tbilisi, Georgia; International Scientific Conference - (GTU); 1-3 October, 2016;

6. **Learn with Virtual Games ;** Article. Iakob Gogebashvili Telavi State University;International Scientific Conference- "Education, Research, Practice"; 1-2 July, 2016 ; Pg.216-221; Collections of Works;

7. **Teaching-Learning Informational Technologies in the epoch of "Digital Aborigines"** Article. 11th INTERNATIONAL SILK ROAD CONFERENCE - INNOVATIONS IN BUSINESS, EDUCATION AND SCIENCES; 20-21 MAY, 2016; TBILISI, GEORGIA. INTERNATIONAL BLACK SEA UNIVERSITY; https://silkroad.ibsu.edu.ge ; Number of Pages 10;

8. **International Black Sea University, Tbilisi, Georgia;** 6th International Research Conference on Education, English Language Teaching, English Language and Literature in English (IRCEELT 2016);22-23 April 2016;Pg:201-206 http://ircelt.ibsu.edu.ge; http://ircelt.ibsu.edu.ge/index.php/conference-program ;

Other authors:

 Nana Papunashvili, PhD, Georgia, nana_papunashvili@yahoo.com

MananaGaribashvili, Professor, Georgia,Manana_garibashvili@yahoo.com

Irakli Chichashvili, Georgia,iraklijt@mail.ru

9. **E-learning aspects in Higher education didactics**, Article; Sumy State Pedagogical University, Ukraine **Pg. 58-60; 23–24March 2016** г. **Computer-based vs. Paper-based Testing in Foreign Language Teaching;** Article.

10. **Technological Aspects of Interactive-Electronic Teaching in the Environment of ADOBE CAPTIVATE**; Article; Sumy State Pedagogical University, Ukraine; Pg.8; 2 December, 2015;

11. **Pedagogical and technological aspects of Interactive e-learning** (on the level of School Education); Certificate confirnmed. Internet Materials ; "Conference of Educational Technologies" organizational committee-Tbilisi Teachers' House - Hotel „Courtyard Marriot" Tbilisi, www.getc.ge; 22-23 November 2015;

12. **Virtual Technologies of Imitational Modeling in the Process of Teaching**; Article; 10th Silk Road International Conference on Business, Economics, International Relations and Education -Tbilisi,Georgia; Conference Works / Black Sea University, Tbilisi; https://silkroad.ibsu.edu.ge ; Collection of Works; Pg. 147-151; 25- 27 May, 2015

13. **Multimedia technologies in a problem-based learning environment**. Abstract; The First International Conference: High Education-New Technologies and Innovation - HENTI 2015; Akaki Tsereteli Kutaisi State University; Conference Program, Abstracts. Pg.71; 1-2 May, 2015;

14. **Multimedia technologies in a problem-based learning environment**; Article.The First International Conference: High Education-New Technologies and Innovation- HENTI 2015; Akaki Tsereteli State University, Kutaisi, Georgia; Internet materials, Represented by means of CD; http://atsu.edu.ge/Conferences/HENTI2015/ ;Scientific works; Pg.7; 1-2 May, 2015;

15. **Network Interactive Audience NetOp School**; Article, Akaki Tsereteli State University; VII International Scientific and Practical Conference "INTERNET AND SOCIETY" KUTAISI -INSO – 2015 ; Akaki Tsereteli State University, Kutaisi, Georgia;www.inso.ge; Pg.193-197; Scientific works; 10-11 July 2015;

16. **Pedagogical-methodological and info-technological aspects of program based teaching**. Article; International Conference "Intercultural Dialogues III" works. Telavi State University number of pages Pg.10; 9-11October, 2015

17. **The methodology of digital processing and analysis of Mathematical functions in two –dimensional system of MathCAD**; Article; Ministry of Education of the Republic of Azerbaijan; Ganja State University **International Scientific Conference :" Mathematics and ICT application Sphere New training technologies"**. parvinkerimzade@mail.ru. 5-7 июня 2014;

18. **Quality in education - student-centered University-** Theses; Telavi State University;71th Scientific Conference of Professors

and Teachers; The work was performed together with Daniel Birkenmayer , Biberach University of Applied Sciences (BOMUP- German –Georgian education project in Project Management) . May 30, 2014;

19. **Multimedia designing of higher education didactics**Theses; **III International Scientific Conference on "Modern Problems of Teachers' Training: Technology, education and development**" Azerbaijan Teachers Institute of Education . Ministry of Azerbaijan Republic. Baku. 22-25 May 2014;

20. **From Traditional teaching Methods to Multimedia Technologies** . Abstract. 9th Silk Road International Conference on Business, Economics, International Relations and Education Tbilisi,Georgia;www.ibsu.edu.ge ; 15-18 May,2014;

21. **Innovation education : From Traditional teaching Methods to Multimedia Technologies** . Article. V International Scientific and Practical Conference on "Innovation in Higher Education". The Ministry of Education and Science of Ukraine www.ndu.edu.ua; Email: vidavn_ndu@mail.ru; Ukraine; 10-11 October 2013;

22. **Info-technological realization of a computer test model**. Article. VI International Scientific and Practical Conference; "Internet and Society"INSO – 2013; Akaki Tsereteli State University;Association of Development of Georgian Informational Technologies;ISBN 978-9941-448-46-http://www. inso.ge6-7 Juin, 2013;

23. **Computer Interpretation of test data staticprocessing -** Theses;Telavi State University;71th Scientific Conference of Professors and Teachers;May 30, 2013;

24. **Georgian Educational Environment and Informatization**; I International Symposium;"Caucaus and Globalization: Problems and Perspectives; Materials; Telavi State University; Telavi;pg.91-94;October;25-26, 2012;

25. **Georgian Educational Environment and Digitalization**;Article;IX International Theoretical and Practical Conference; PEDAGOGICAL PROFESSIONALIZM IN CONTEMPORARY EDUCATION;Novosibirsk. Materials;Edited by E.V. Andrienko; pg.149-152; УДК 378.15; September26-28, 2012;

26. **Modern Informational Technologies for Forming Electronic Resources**;Article;II International scientific conference; Computing/Computer science, Educational Sciences, Teaching, Education;Georgia-Azerbaijan-Turkey-Cambodia; Abstracts; Department;Computing-Informatics;pg.35-36; Batumi;September;21-23, 2012;

27. **Informatisation of Education – Century Innovation**;Theses;Telavi State University;70th Scientific Conference of Professors and Teachers;May 30, 2012;

28. **Electronic Teaching – Contemporary Pedagogical Technology**; Article; VIII International Theoretical and Practical Conference; PEDAGOGICAL PROFESSIONALIZM IN CONTEMPORARY EDUCATION;Novosibirsk. Materials;Edited by E.V. Andrienko;pg. 293-290; February;16-17, 2012;

29. **Electronic Games in Teaching and Georgian Perspective**;Article; I International Scientific Conference;"INTERCULTURAL DIALOGUES";Scientific Papers; http://www.tesau.edu.ge;Telavi;pg.123-129; October 18-20,2011;

30. **Computational Innovations in Education**;Article;Telavi State University, Scientific Conference Materials of Professors and Teachers; http:/www.tesau.edu.ge;June, 2011;

31. **Electronic Teaching and Georgian Perspective**;Article;Akaki Tsereteli Kutaisi State University;Association of Development of Georgian Informational Technologies; V International;Scientific-Practical Conference;Scientific Papers"INTERNET AND SOCIETY";INSO – 2011;http://www. **Inso.ge;** Kutaisi -2011;pg.250-254;June,17-18,2011;

32. **School Mathematical Education, Informational Technologies, Teacher's Freedom**;Article;VII International Theoretical and Practical Conference; PEDAGOGICAL PROFESSIONALIZM IN CONTEMPORARY EDUCATION;Pedagogical University of Novosibirsk (Russia); УДК. 378.15;Conference Materials; edited by E.V. Andrienko;pg.305-301;February;24-25;2011;

33. **Virtual Laboratory of MathCAD**;Article;I International Scientific Conference Computational Science, Management of Education, Modern Teaching Technologies; Transactions; Georgia-Azerbaijan-Cambodia-Turkey;Telavi;Conference materials;Telavi State University;pg. 270-273;November 5-7, 2010;

34. **Computational Modeling of Statistical Methods in Controlling Economic Processes**;Article;International conference "Integration of Education, Science and Production as the Strategic Direction of Economic Development Maintenance" Conference materials;Yerevan;State University of Economics;October,2010;

Annexe – References; Textbooks; Lecture materials, Readers
    References; Textbooks;

1. From Print literacy to digital literacy.Telavi State University. Publishing House "Universal",Tbilisi, 0179, E-mail: universal@internet.ge , UDC(უაკ) -004.085.7+002.2;ზ-392;ISBN 978-9941-22-342-6; 2014;

1. Technological methodology of Geographical data processing, Telavi State University. Publishing House "Universal",Tbilisi, 0179, E-mail: universal@internet.ge , UDC(უაკ) -004.42:91+004.415.26 ; ზ-392;ISBN 978-9941-22-323-5; 2014;

2. Linear programming and Solver procedure in optimal planning.Telavi State University. Publishing House "Universal",Tbilisi, 0179, E-mail: universal@internet.ge , UDC(უაკ) -004.415.25; ზ-392; ISBN 978-9941-22-334-1; 2014;

3. Statistical research aspects in the economy.Telavi State University. Publishing House "Universal",Tbilisi, 0179, E-mail: universal@internet.ge , UDC(უაკ) -330.101.52 ;ზ-292ISBN 978-9941-22-328-0; 2014;

4. Computer realizations of numerical methods, Telavi State University. Publishing House "Universal",Tbilisi, 0179, E-mail: universal@internet.ge ,UDC (უაკ)004.222+004.422.613; ზ-392; ISBN 978-9941-22-328-0; 2014;

5. **Projecting databases in Access** video-audio electronic course for practical work;Telavi State University;Department of Informatics; Publishing House "Universal",Tbilisi, 0179", E-mail: universal@internet.ge UDC(უაკ) –(00465) ;ზ-392;ISBN 978-9941-22-311-2; 2014

6. **Microsoft Office Business Partner**; recommended as an auxiliary practical textbook for university students;Telavi State University; Publishing House "Universal", Tbilisi ISBN 978 – 9941-12-006-0;2009

7. **Fundamentals of Informatics;** recommended as an auxiliary textbook for lectures;Telavi State University;Publishing House "Universal", Tbilisi ISBN 978 – 9941-12-006-0;2008

8. **Practicum in Access;** recommended as an auxiliary textbook for practical work;Telavi State University;Publishing House "Universal", Tbilisi ISBN 978 – 9941-12-006-0;2007

9. **Mathematics, Traditional Way of Forming Algorithmic Culture**;Tbilisi State University Publishing House;ISBN 99940-51-55-5; 2006

Lecture materials; Readers

1. Zakariashvili, M., and Chichashvili, I. (2018). "Web2 Technology – WordPress CMS (Content Management System)". Lecture materials. www.e-learning.tesau.edu.ge

2. Zakariashvili, M., and Chichashvili, I. (2017). MOODLE-LMS E-learning management system. Lecture materials. www.e-learning.tesau.edu.ge

3. Zakariashvili, M. (2016). Information Technologies of Electronic Learning. Lecture materials. TeSaU.

4. Reader: General aspects of database management. (2016). Compiler: Zakariashvili, M. TeSaU.

5. Reader: Functional research in MathCAD's two-dimensional system. Materials for practical training. (2016). Compiler: Zakariashvili, M. TeSaU.

6. Reader: Web - Programming Basics (HTML&JavaScript). (2014). Compiler: Zakariashvili, M. TeSaU.

7. Reader: Web design (PHP). (2014). Compiler: Zakariashvili, M. TeSaU.

8. Reader: MathCad's mathematical system. (2014). Compiler: Zakariashvili, M. TeSaU.

Annexe - Aditional Activities

- **Head of the Conference**
  - ✓ **"Digital Aborigines… We are "Bukelebi"… episode first"**. Conference participants: Telavi State University, pupils of Telavi public Schools. 15th of December, 2016.
    http://tesau.edu.ge/siaxle1/557-cifruli-aborigenebi-chven-bukelebi-vartepizodi-pirvelikonferencia-tesaushi.html
  - ✓ **"Digital Aborigines… We are "Bukelebi"… episode second…"** 13th of December, 2017.
    http://tesau.edu.ge/siaxle1/985-cifruli-aborigenebi--chven-bukelebi-vart--epizodi-meorekonferencia-tesaushi.html

- **Training organizer, trainer-** "Information Technologies in Research and Teaching (MOODLE-LMS E-Learning Support Portal) and creating electronic courses" – implemented for Administrative and Academic staff of Telavi State University. The participants were awarded certificates. 01.05-30.05, 2017

- **Participant of International Festival of Science and Innovations - Master-class-** "From traditional to network interactive auditorium". Author of the event – organizer, trainer. Telavi State University. 3rd of October, 2017. The participants were awarded certificates. http://tesau.edu.ge/gancxadebebi/834-mecnierebisa-da-inovaciebis-festivali-2017.html http://tesau.edu.ge/siaxle1/870-tradiciulidan-qselur-interaqtiur-auditoriamde--masterklasi-tesaushi.html

- **Involvement in international projects:**
  - ✓ **"Academic integration of learning and teaching in higher educational institutions of Georgia"** – project coordinator at Ilia State University. Term of contract – 27th of December, 2017 – 31st of October, 2019. Technical Assistant.
  - ✓ **"Development of Higher Education Accessibility Program for vulnerable groups and regions"** Erasmus + Project DARE (Developing programs for Access of disadvantaged groups of people and Regions to higher Education) Project. Term of the contract 15th of March, 2017 – 14th of October, 2018. Israel, Haifa University. Researcher – Trainer.