



PERSONAL INFORMATION

Giorgi Basilaia



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Sex Male | Date of birth 15/10/1982 | Nationality Enter Georgian

WORK EXPERIENCE

- 2015-Present **Information technologies advisor of chancellor for university management**
 Ilia State University

 - Introduction of IT projects and consultations for their implementation at university.

[Business or sector IT / Education](#)
- 2013-Present **Assistant professor**
 Faculty of Natural sciences and Engineering

 - Management of Computer engineering and microelectronics program, lecturing.
- 2012-2015 **Head of Information Technologies Department**
 Ilia State University

 - Management of University IT Hardware and software Infrastructure

[Business or sector IT / Education](#)
- 2006-2012 **Head of Geophysical and Seismic networks Service**
 Ilia State University, Seismic Monitoring Centre

 - Maintenance and development of Seismic Network of Georgia Upgrade and installation of Seismic Equipment, Data transmission and Data collection

[Business or sector Science](#)
- 2003-2006 **Leading Engineer**
 United National survey for Seismic Protection of Georgia

 - Creation of Georgian Seismic Network, Installation of Seismic Equipment
- 2002-2003 **Engineer**
 United National survey for Seismic Protection of Georgia

 - Creation of Georgian Seismic Network, Installation of Seismic Stations
- 2000-2002 **Computer network administrator**
 Institute of Geophysics, Georgian Academy of Sciences

 - Installation of Local area network, maintenance of Computer Hardware and software
- 2002-2003 **Programmer**

First Electronic Publishing house

- Created and Published Multimedia CD-s “Galaktioni”, “Georgian Folklore”, “Vaja-Fshavela”, “Lado Asatiani”, “Akaki Tsereteli”, “Nikoloz Baratashvili”, “Firosmani
- Business or sector IT Business

EDUCATION AND TRAINING

- | | | |
|----------------|---|-----|
| 2011 - Present | Ph. D Student
Ilia State University, Georgia, School of Natural Sciences and Engineering <ul style="list-style-type: none"> ▪ Geophysics, Seismology | PHD |
| 2004 - 2007 | Master of Sciences Degree in informational technologies
Georgian Technical University, Faculty of Informatics <ul style="list-style-type: none"> ▪ Computer systems and networks, Diploma project: “Modernization of Seismic network of Georgia” | |
| 2000 - 2004 | Bachelor of Sciences degree in informatics
Georgian Technical University, Faculty of Informatics <ul style="list-style-type: none"> ▪ Diploma project: Online data transmission in Seismic network of Georgia | |
| 2014 | E-infrastructure Summer Workshop
Sofia, Bulgaria <ul style="list-style-type: none"> ▪ RADIUS authorisation | |
| 2013 | Workshop on Science Dissemination and On-line Certification for All
Trieste, Italy <ul style="list-style-type: none"> ▪ Open Source software for science dissemination (Workshop Presentation) | |
| 2012 | AGU - American Geophysical Union Conference/Exhibitor
San Francisco, USA <ul style="list-style-type: none"> ▪ Prompt Response on strong Earthquakes in Caucasus (Poster) | |
| 2011 | 2nd Workshop on Open Source and the Internet for building global scientific communities
Trieste, Italy <ul style="list-style-type: none"> ▪ Open Source software and hardware tools for science | |
| 2010 | Advanced Training/capacity building for NDC technical staff in eastern Europe
Madrid, Spain <ul style="list-style-type: none"> ▪ CTBTO Software training | |
| 2009 | International Training Course on “Seismology, Seismic Data analysis, Hazard Assessment and Risk mitigation”.
Potsdam, Germany <ul style="list-style-type: none"> ▪ Seismic Equipment, Seismic data processing and theories | |
| 2008 | Workshop Entrepreneurship for Physicists and Engineers from Developing Countries
Trieste, Italy <ul style="list-style-type: none"> ▪ Entrepreneurship ideas to production | |
| 2007 | Advanced training/workshop on Instruments and sensors on the GRID | |

- Trieste, Italy

 - Grid Systems

2006 **Training for National data center technical staff**

Zagreb, Croatia

 - Data Center, Data Processing
- 2006 **Summer Camp of Localization**

Chakvi, Georgia

 - Localization of open source Open Office system in Georgian Language. (best localizer)
- 2005 **Research of FSTM project – Multifunctional Data Acquisition system**

Boston, USA

 - Data acquisition system design
- 2005 **Summer School in instrumental Geophysics**

Trieste, Italy

 - Geophysical instruments, GPR, GPS, Electric survey techniques and processing
- 2005 **Project SETA – Seismic Instrumentation Training**

Frozolone, Italy

 - Seismic Equipment setup, instrument calibration
- 2003 **Short training in Seisprod13 A/D system and Seisan software**

Bergen, Norway

 - Seisprod Digitizer training and data processing in seisan, Seislog Software.
- 1997, 1998, 1999 **Republic School Olympiad Diplomas in Geography (3) , Physics (1)**

Tbilisi, Georgia

 - Diplomas in school competitions

PERSONAL SKILLS

Mother tongue(s) Georgian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
	B2, International House, Tbilisi				
Russian	C2	C2	C1	B2	B2
	none				
Italian	B1	B1	A2	A2	A2
	none				
German	B1	B1	A2	A1	A2
	B1, Goethe institute, Tiflis				

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

- Communication skills**

 - good communication skills gained through my experience in carrer

- Organisational / managerial skills**

 - leadership (for several year responsible for team of 5 persons while being a head of seismic network, responsible for team of 26 persons as an IT department head. Including programmers, network/server admins, procurements, LMS support team, user support team and installation team.

- Job-related skills**

Computer Hardware – Installation and diagnostic of computer hardware (main boards, processors, memory and others). Peripheral devices (printers, scanners and so on.)
 Networking Hardware - TCP/IP, Ethernet, Switches, Bridges, Routers, Access points, Cabling...
 Data Transmission Hardware – Radio Modems, Wi-Fi Access points, Motorola Canopy, and Physical Line modems, GSM/GPRS/HSDPA Terminals, Satellite (VSAT). Installation.
 Electronics: Electric devices, Electronic Components, Schematics, PCB-s, Soldering, Radio amateur (4L6GB). Seismology: Guralp sensors and digitizers, NetDas digitizers, Lenartz sensors, Nanometrics Trillium Sensors, Quanterra Q330.

- Computer skills**

 - Office software, Operating systems (Windows, Linux), System maintenance, Virtualization, Audio/Video editing, Seismology, Geophysics, Utilities, Learning management systems.
 - Networking, Workstations, Servers, Communications
 - Brain bench Certificate - "Windows 98 Power user"

- Driving licence**

 - B

ADDITIONAL INFORMATION

- Publications**

Z. Javakhishvili, M. Gigiberia, M. Elashvili, **G. Basilaia** Study of the effect of technogenic explosions on residential buildings by means of Geophysical methods Georgian Engineering News, NO 4, 2005, PP. 151-157
- Presentations**

Dozens of presentations regarding seismology, seismic network, equipment, data acquisition systems, university IT infrastructure, university IT services and more at different meetings, conferences, exhibitions and trainings.
- Projects**

2015 – FABLab ILIAUNI – Innovation fabrication laboratory, University side Mentor, GITA

2013 - 2014 Multifunctional Data Acquisition and Processing System for the Complex Environmental Monitorin.. Shota Rustaveli National Science Faoundation AR/327/9-240/12

2009 - 2013 Caucasus Seismic Emergency Response (CauSER), NATO sfp # 983284

2009 - 2011 Development of Multifunctional Wireless Data Acquisition System. First Step to Market , GEG2-5055-TB-05

2007-2009 Open network of scientific Centers for mitigation risk of natural hazards in the Southern Caucasus and Central Asia, International Science and Technology Center (ISTC) project #A-1418

2006 – 2007 Development of Multifunctional Geophysical Data Acquisition System. Ref: CRDF GEG2-5055-TB-05.

2005 – 2006 Modernization and development of Seismic Network of Georgia. GRDF GEG2-3334-TB-03

2004-2005 Seismic hazard assessment for the Tbilisi test Area - SETA, Institute Natioonale di Oceanografia e di geofizica sperimentale OGS.

2002 – 2004 Caucasian Seismic Information Network for Hazard and Risk Assessment Ref: ISTC A 651

2003-2004 Establishment of Digital Seismic Network in Tbilisi Metropolitan Area, GRDF 3314/12195

Conferences

2002-2005 Caucasian Seismic Information Network for Hazard and Risk Assessment. ISTC A 651

2001-2005 Seismic Risk in large Cities of Caucasus. Tools for Risk Management. NATO SfP 974320.

Conference - Section of Informatics - I grade Diploma, Georgian Technical University
, Data transmission using Satellite connections in seismic network of Georgia - 2007