



Ana Palavandishvili

Date of birth: 14/07/1999 | **Nationality:** Georgian | **Email address:**

ana.palavandishvili@tsu.ge | **Email address:** palavandishvili.ana21@gtu.ge |

Address: Tbilisi, Georgia (Work)

WORK EXPERIENCE

01/03/2018 – 31/08/2019 Tbilisi, Georgia

LABORATORY TECHNICIAN FAB LAB OF GEORGIAN TECHNICAL UNIVERSITY

Working with equipments: 3D printer, Epilog laser, Mimaki, Artec Eva 3D scanner, also calibrate and maintenance. Host the training and Hakathons. Help Georgian technical university architecture and design students to make prototypes for their start up's and diploma work with the laboratory equipment.

01/04/2019 – CURRENT Tbilisi, Georgia

SCIENTIFIC RESEARCHER INSTITUTE OF HYDROMETEOROLOGY AT THE GEORGIAN TECHNICAL UNIVERSITY

01/08/2020 – 12/11/2023 Tbilisi, Georgia

INVITED SPECIALIST NATIONAL ENVIRONMENTAL AGENCY

Working with gridded data and database, calculate climate indices, sort and analyzing precipitation, temperature and other climate data for research.

12/11/2023 – CURRENT Tbilisi, Georgia

SCIENTIFIC RESEARCHER VAKHUSHTI BAGRATIONI INSTITUTE OF GEOGRAPHY

EDUCATION AND TRAINING

07/10/2017 – 02/08/2021 Tbilisi, Georgia

BACHELOR DEGREE OF ENGINEERING PHYSICS Georgian technical University

Address 77 Kostava str., Tbilisi, Georgia | **Website** <https://gtu.ge/> | **Field of study** Engineering Physics |

Level in EQF EQF level 6 | **National classification** Georgia

11/10/2021 – 29/06/2023 Tbilisi, Georgia

MASTER OF ENGINEERING PHYSICS Georgian technical University

Address 77 Kostava str., Tbilisi, Georgia | **Website** <https://gtu.ge/>

01/12/2016 – 30/06/2017 Tbilisi, Georgia

INTRODUCTION TO ELECTRONICS UG-Limes

Address 77 Kostava str., Tbilisi, Georgia | **Website** <http://uglimes.ge/>

06/08/2018 – 29/08/2018 Tbilisi, Georgia

FAB SUMMER Fab lab Tech Park

Address Innovation str. 7, Tbilisi, Georgia |

Website <http://fablab.gov.ge/?fbclid=IwAR3OQrvRe12f-ek7SQ8gzFuo37gwEqOgdkuFPeAeo6ERoQkTiyzw64GBTRI>

07/03/2018 Tbilisi, Georgia

INTERNATIONAL MASTERCLASS HAND ON PARTICLE PHYSICS Georgian technical University

Address 77 Kostava str., Tbilisi, Georgia | **Website** <https://gtu.ge/>

23/11/2020 – 11/12/2020 Bucharest, Romania

USE OF SATELLITE PRODUCTS ON DROUGHT MONITORING AND APPLICATIONS IN AGROMETEOROLOGY provided by WMO, FAO and EUMETSAT and hosted by MeteoRomania

Address Bucharest-Ploiești nr.97, , 013686 , Bucharest, Romania | **Website** <https://www.meteoromania.ro/>

29/05/2021 – 04/06/2021 Tbilisi, Georgia

INTRODUCTORY TRAINING IN LINUX NATIONAL ENVIRONMENTAL AGENCY

Address 150 Davit Aghmashenebeli Ave. , 0112, Tbilisi, Georgia

06/06/2021 – 04/07/2021 Tbilisi, Georgia

INTRODUCTORY TRAINING IN PYTHON NATIONAL ENVIRONMENTAL AGENCY

Address 150 Davit Aghmashenebeli Ave. , 0112 , Tbilisi, Georgia | **Website** <https://nea.gov.ge/En/>

03/10/2022 – 02/12/2022 Orsay, France

ERASMUS INTERNSHIP Université Paris-Saclay Irène Joliot-Curie Laboratory of Physics of the 2 Infinities – IJCLab

Address 15 rue Georges Clémenceau, 91405, Orsay, France | **Website** <https://www.ijclab.in2p3.fr/> |

Field of study Physics

01/03/2023 – 20/07/2023 Tbilisi, Georgia

WOMEN IN TECH PENETRATION TESTING COURSE Women In Tech

03/07/2023 – 25/08/2023 Geneva, Switzerland

CERN SUMMER STUDENT TRAINEE CERN

Website <https://home.cern/>

01/10/2023 – CURRENT Tbilisi, Georgia

PHD OF ENGINEERING PHYSICS Georgian Technical University

06/11/2023 – 01/12/2023 Juelich, Germany

INTERNSHIP Forschungszentrum Jülich IEK-8

● LANGUAGE SKILLS

Mother tongue(s): **GEORGIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
RUSSIAN	C2	C2	C1	C1	B2
ENGLISH	C1	C1	B2	C1	B2
LITHUANIAN	A2	A2	A1	A2	A2

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

● **DIGITAL SKILLS**

Microsoft Word | Microsoft Excel | Python | Rstudio,R-instat | Matlab | Adobe Photoshop | Adobe Illustrator | GIMP | Artec Studio | QGIS | Linux: Intermediate user | Adobe fresco | autodesk SketchBook

● **ADDITIONAL INFORMATION**

PUBLICATIONS

Heisenbergs's Uncertainty Principle in 21 Century – 2018

The Earth magnetic field and it's variability – 2019

Dependence of meteorological parameters on geomagnetic storms in Georgia. – 2019

Use of geomagnetic indices in weather issues. – 2019

Impact of Weather and Climate Extremes on Landscapes in Georgia – 2019

Impact of Short-Term Geomagnetic Activity on Weather and Climate Formation in Georgian Region – 2020

Journal of the Georgian Geophysical Society, Physics of Solid Earth, Atmosphere, Ocean and Space Plasma, v. 23(2) ISSN: 1512-1127

Structural data set in environmental issued – 2021

The Regional Student Scientific and Practical Conference Digital transformation In Engineering Human - Computer Interaction. GEORGIAN TECHNICAL UNIVERSITY (GTU) Faculty of Informatics and Control Systems 3-4 December 2021

Study of the mean and extreme values, intensity and recurrence variability of meteorological elements based on the 1956-2015 observation data

– 2021

Journal of the Georgian Geophysical Society, e-ISSN: 2667-9973,ISSN: 1512-1127

Impact of short-term geomagnetic activity on meteorological parameters variability on the middle latitude region

– 2022

Journal of the GeorgianGeophysical Society doi:http://.org/1052340/ggj

Disaster risk reduction and climate resilience in Nature Based Solutions using in-situ and satellite data for Georgia sustainable development

– 2022

"Modern Problems of Earth Sciences" Proceedings, ISBN 978-9941-36-044-2

The Use of Structured Data for Drought Evaluation in Georgia – 2022

Journals of Georgian Geophysical Society,25(No.1).

Drought evaluation based on SPEI, SPI indices for Georgian territory. – 2022

"Modern Problems of Earth Sciences" Proceedings, ISBN 978-9941-36-044-2

The Big Data for Drought Monitoring in Georgia. – 2023

Chances and Challenges of Digital Management. ISPC 2022. 131-146.Springer

CONFERENCES AND SEMINARS

23/05/2018 – Tbilisi, Georgia

86th open international students scientific conference

29/11/2018 – Tbilis, Georgia

Weather forming space factors. XXII scientific conference 'Modern problems of geography'

08/11/2019 – 10/11/2019 – Tbilisi, Georgia

Building Civil Protection Capacity to Miligate Geohazards in the Caucasus: A regional Approach

Tbilisi, Georgia

87th open international students scientific conference section of Engineering Physics

24/11/2021 – 26/11/2021 – Batumi, Georgia

Modern research methods of Bio-nano-agents(RMB-2021)

03/12/2021 – 04/12/2021 – Tbilisi, Georgia

Digital Transformation In Engineering

07/06/2022 – 08/06/2022 – Warsaw, Poland

Perspektywy Women In Tech

Link <https://womenintechsummit.pl/>

05/07/2022 – 06/07/2022 – Batumi, Georgia

International Scientific Conference Black Sea Region at the Crossroads of Civilization

Link <https://bsu.edu.ge/>

11/09/2022 – 16/09/2022 – Tbilisi, Georgia

Health as a Global Challenge: Contributions by GGSB SMART | Labs

Link <https://collaborations.fz-juelich.de/ikp/cgswhp/cgswhp20/index.shtml>

18/11/2022 – 19/11/2022 – Tbilisi, Georgia

International Scientific-Practical conference "INOVATION AND MODERN CHALLENGES 2022"

11/2022 – Batumi, Georgia

Modern Problems of Ecology Using machine learning and bigdata for environmental monitoring

2023 – Adana, Türkiye

International cukurova agriculture and veterinary congress Study Of Natural Hydrometeorological Events To Implement Nature Based Solutions In Georgia

26/06/2023 – 30/06/2023 – Tbilisi, Georgia

GGSB Lecture Week in Tbilisi

01/11/2023 – 03/11/2023 – Tbilisi

International Conference "Geography -Past, Present, Future Challenges"

CREATIVE WORKS

01/08/2022 – 10/08/2022

The Adventures of Jonathan Gullible by Ken Schoolland Illustrations for The Adventures of Jonathan Gullible book chapters: Chapter 2_Troublemakers, Chapter 3_A Commons Tragedy, Chapter 5_ Candles and Coats, Chapter 6_Tha tall tax, Chapter 8_Two zoos, Chapter 12_Helter Shelter, Chapter 14_Book Battles, Chapter 17_Uncle Samta, Chapter 20_Give Me your Past or Your Future, Chapter 28_ New Newcomers, Chapter 36 The Grand Inquirer, Chapter 38_ Vultures, Beggars, Con Men and Kings.

Link https://drive.google.com/drive/folders/1gQkww8Y4DSrrxmxEFoQ0RYTJZDo_AbvF?usp=share_link

10/03/2023 – 20/03/2023

Weather, Climate and Their Change Regularities For The Conditions Of Georgia Book cover illustrator

Link https://drive.google.com/drive/folders/1XeXZkxbkbjXPxflm0icPZlspY2vyftnE?usp=share_link

01/06/2023 – 07/06/2023

Digital exhibition week women in art

Link <https://weekofart.com/events/მეცარული-გრაფიკის-გ/>

