



Makrina Tskipurishvili

Nationality: Georgian **Date of birth:** 28/07/2000 **Gender:** Female

Phone number: (+49) 1779273464

Email address: tskipurishvilimakrina@gmail.com

Home: Würzburg (Germany)

EDUCATION AND TRAINING

Master of Computer Science

Julius-Maximilians-Universität Würzburg [01/03/2024 – Current]

City: Würzburg | Country: Germany | Website: <https://www.uni-wuerzburg.de/>

Bachelor of Computer Science

International Black Sea University [15/09/2019 – 07/07/2023]

City: Tbilisi | Country: Georgia | Website: ibsu.edu.ge | Final grade: CGPA: 3.88/4 | 95.25/100 | Thesis: Using Reinforcement Learning in Video Games

WORK EXPERIENCE

Unity Game Developer

Tetrobyte [01/08/2023 – 22/03/2024]

City: Tbilisi | Country: Georgia

Worked as a freelancer to create a game in Unity and C#.

Game Programmer (Remote)

Blue Gravity Studios [21/04/2023 – 21/07/2023]

Country: United Kingdom

Collaborated in an international and multifunctional team, uniting programmers, designers, artists, and a music specialist. Applied Unity and C# skills for successful teamwork and project delivery.

Unity Game Developer (Remote)

Tense Games [01/02/2022 – 01/02/2023]

Country: Netherlands

Handled all aspects from design to implementation, ensuring a polished and engaging user experience. Demonstrated expertise in C# and Unity, meeting project objectives within established timelines.

VOLUNTEERING

[25/11/2021 – 25/12/2021] Tbilisi Zoo, Tbilisi

Animal Care Volunteer Cared for primates at Tbilisi Zoo, ensuring daily feeding and clean environments. Enhanced animal welfare awareness, emphasizing attention to detail and dedication.

[11/2023 – Current] Caritas of Georgia, Tbilisi

Clothing Sorting and Distribution Volunteer at Caritas I distribute clothing biweekly to those in need at Caritas Georgia, learning about community outreach, empathy, and the power of small acts of kindness.

COMPETITIONS

[12/2023 – 29/01/2024]

Embedded Programing Competition

Got First Place in an embedded programming competition focused on integrating LIS2DW12 sensor with STM32 microcontroller. Successfully handled all wiring and implemented communication protocols including SPI and Modbus RTU with an RS485 interface.

PROJECTS

[2019 – Current]

Different Personal Projects Visit makrine.github.io/SimplePortfolio/ for my different personal projects.

CONFERENCES AND SEMINARS

[29/11/2023] Online

Webinar: Getting Started with Zephyr RTOS Explored key RTOS elements, focusing on Zephyr's implementation. Learned practical insights for crafting Zephyr apps, enhancing knowledge in RTOS and Zephyr development.

[28/11/2023] Online

ST Webinar: The Key to smart occupancy detection: the new edge processing infrared sensor Attended a webinar on the STHS34PF80 infrared sensor, exploring its high-sensitivity detection and applications in occupancy detection, lighting, and climate control.

[16/06/2023] International Black Sea University, Tbilisi

International Multidisciplinary Student Conference Presented research on "Using Reinforcement Learning in Video Games," showcasing analytical and public speaking skills. Engaged with a diverse community of students and professionals, fostering idea exchange and skill development.

HONOURS AND AWARDS

100% State Grant for Undergraduate Studies Upon receiving high grades on the Georgian National Exams for university enrollment, I was awarded a 100% state grant, which waived my tuition fees.

Gold Medal from School Received the Gold Medal upon graduating from school for outstanding academic success.

CERTIFICATES

[01/2024]

Embedded Systems Bare-Metal Programming Ground Up™ (STM32)

[01/2023]

Complete C# Unity Game Developer 3D

LANGUAGE SKILLS

Mother tongue(s): Georgian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A2 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

DIGITAL SKILLS

Embedded

Arduino / STM32 / I2C / UART / RS485 / SCADA / SPI / PCB Design / ModBus RTU / ADC

Programming Languages

C# / C/C++ / Javascript / Python

Other

Git / GitHub / Web Technologies Fundamentals - HTML, CSS / CAD / 2D ,3D Unity / Windows / Object-relational mapping / Linux / Blender / Microsoft Office