

RATI VARDIASHVILI

EDUCATION

Constructor University - Bremen, Germany

Bachelor of Science in Computer Science

2022 - Present

Buckswood International School - Tbilisi, Georgia

2013 - 2022

EXPERIENCE

Intern

FINA Ilc. Georgia | August 2023 - December 2024

- Created office security system based on raspberry pi, Python flask and nginx
- Got training in web development using Java EE
- Acting as main administrator of company web page

Creator

Uni-market Trading Platform | 2024 - Present

- Created peer-to-peer marketplace uni-market.net for university students to trade secondhand items on campus
- Used WordPress, AWS ac2, Ubuntu, Nginx, along with custom code and various plugins to achieve desired behavior
- Optimized performance using caching and CDN

Volunteer

Charitable Foundation "Caritas of Georgia"

May - September 2021

- Taught mathematics to 30 students from 4th to 11th grades

PROJECTS

Local AI Client | 2023 - Present

Created locally-run web-app based on Python and Ollama platform, aimed at bringing AI to your system, with accessible UI and possibility for further integrations via plugins

Educational App For Arduino | 2021

Led a team of 5 to create computer program simulating Arduino and its components. It was implemented as a resource for physics teachers at 20+ public schools in Georgia

Finalist of Millennium Innovation Award, Tbilisi | 2019 - 2020 "Universal Device for Audio-Visually Impaired People"

Built a device to help the audio-visually impaired, using Arduino and Visual Basic which:

- Provides user with appropriate medication using voice commands, braille, or scheduled alarm
- Recognizes audio signals such as crying, barking, sirens, and displays it as a text accompanied by vibration on the phone
- Helps deaf dancers by turning music into vibration on a device



About Me

Computer Science student, with experience in web development and proficient in languages, such as HTML, CSS, JavaScript, Java, C++, C and Python



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<https://github.com/rvardiasvili>

LANGUAGES

- English (fluent)
- Georgian (native)
- German (basic)
- Russian (fluent)

EXPERTISE

- Web Development
- IoT systems
- Project planning
- Linux Administration
- 3D Modelling
- Robotics