

# Daviti Petriashvili

+995 593-306-231 | datoika777@gmail.com | [www.github.com/memory-hunter/](https://github.com/memory-hunter/) | [linkedin.com/in/memoryhunter](https://www.linkedin.com/in/memoryhunter) | <https://memoryhunter.itch.io>

Motivated, efficient and team-working senior student with some experience, gravitating towards Game Development, Embedded Hardware, Reverse Engineering or combination of those.

## EXPERIENCE

**Kutaisi International University, Teaching Assistant** | Kutaisi, Georgia Sep 2023 -

- Teaching 11 students "Software Engineering Practical Course", working on Duckiebots on Jetson Nano.
- Taught 26 students "Introduction to Software Engineering".
- Assisted the professor in grading and general tasks.

**ARex, Unity Prototype Developer** | Remote (Kutaisi, Georgia) Sep 2023 - Oct 2023

- Developed an AR application prototype, which helped the startup win the local city hackathon (Kutaisi Citython 2023) out of a dozen teams.

**Developers Alliance, Student Intern** | Remote (Rustavi, Georgia) Aug 2023 - Aug 2023

- Learned PHP and Magento Framework.
- Massively improved my problem-solving skills.
- Mastered the use of Linux and Docker.
- Helped my peers get down their time of course completion under 2 weeks.

**Mziuri Computer School, Teacher** | Remote (Kutaisi, Georgia) Sep 2021 - Jun 2022

- Taught C++ to 15 school students and helped them get started in the world of programming.

## EDUCATION

**Kutaisi International University, B.Sc. in Computer Science** | Kutaisi, Georgia GPA: **3.3 / 4.0** Jun 2024

- *Thesis:* Measurement Of Algorithm Runtimes With Inputs Of Various Sizes
- *Subjects/Courses:* Computer Architecture(Theoretical/Practical), Discrete Structures, Operating Systems and System Software, Algorithms and Data Structures, Game Engine Development, Software Engineering(Practical/Theoretical), Natural Language Processing, Theory of Computation

## SKILLS

Languages	C/C++, Python, Java, Kotlin, Bash, LaTeX, Yacc, Powershell, Rust Ocaml, MIPS Assembly, C#, Verilog
Software/Tools/Frameworks	CMake, Git, Linux, Docker, Unity Engine, Unreal Engine, Game Maker Studio, Qt
Certifications	Unity Certified Associate: Game Developer   Bachelor's of Practical Course - Kotlin (TUM)
Soft Skills	Problem-solving, Documentation
Others	Digital Archival/Preservation, FPGA Programming

## PROJECTS

**Galaxies, please!** | Video Game, *NASA Hackathon 2022*

- Developed a "Papers, please!" like game, worked on developing the game and writing logic.

**EosEngine** | Game Engine

- Wrote the whole OpenGL rendering pipeline and general engine game loop.

**Goofer** | Android Application

- Developed a sound board app using Material UI 3 and Jetpack Compose.

**cH80s** | Emulator

- Developed the whole CHIP-8 interpreter and implemented an emulator.
- Implemented sound wave synthesis by code.

## LANGUAGES

English	Native/Professional proficiency
Georgian	Native proficiency
Japanese	Basic proficiency
Russian	Medium proficiency
German	Basic proficiency