Milos **Despotovic**

SOFTWARE ENGINEER

Gornji Milanovac, Serbia

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Education

Faculty of Mathematics (University of Belgrade)	*Belgrade, Serbia*
B.S. IN COMPUTER SCIENCE (DROPPED OUT)	*Sep. 2017 - Sep. 2021 (Dropped out)*

Engineering High School (Tehnicka skola "Jovan Zujovic")	*Gornji Milanovac, Serbia*
HIGH SCHOOL DIPLOMA IN COMPUTER HARDWARE	*Sep. 2013 - Jun. 2017*

Experience

Syrmia Way — *Nis, Serbia*
SOFTWARE ENGINEER — *Jun. 2022 - Aug. 2024*

- First project (Jun. 2022 - Jan. 2023): Worked on a media player for a **DTV** company. Where I was responsible for maintaining and improving a subtitle engine. Which had a parser and an rendering engine written entirely in **C++**.
- Second project (Feb. 2023 - Mar. 2024): Was part of a team that developed drivers for a graphics API inside a VM for one of the **leading GPU manufacturers**. Most of the work was done in **C and Python**
- Third project (Mar. 2024 - ongoing): Part of a team that continuously tests new AI drivers. My work ranges from developing a framework that does that testing and extracts the results. My responsibilities were code review, verification, task generation and implementing of features. Project mostly uses **Python, Powershell and Bash**

HTEC — *Remote, Serbia*
EMBEDDED SOFTWARE ENGINEER — *Aug. 2024 - ongoing*

- First project (Mar. 2024 - ongoing): Continuation of the last project from Syrmia.

Skills

Technologies:	C/C++(4/5), Python(4/5), Linux(4/5), Windows(3/5), Git(5/5)
Languages:	Serbian(mother tongue), English(fluent)
Frameworks:	Google Test, OpenCL, Mako templating...

Projects

- Worked with colleagues on a Raspberry Pi music server. That received and resolved commands from multiple users and outputted the desired music on the speakers attached to the device.
- Tested the probability of math problems using the law of large numbers.
- Algorithm that calculates twilight duration for set location and date. As a part of an assignment on the course introduction into Astronomy.
- Writing and documenting solutions to leetcode problems that are more efficient and readable.

Intrests

- Code optimization, both high and low level optimization.
- Writing clean and elegant code.
- Learning AI/Machine learning.
- Paragliding, Photography, Mountaineering, Movies, Gaming...