BARTOSZ SŁAPA

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Warsaw, Poland

Software Development Experience

VARSAV Game Studios S.A. – *Gameplay Programmer (Unreal Engine 5, C++, UE Blueprint)*

February 2024 – Present

– Developed gameplay mechanics for "Barkour", a game featuring a four-legged protagonist.

– Collaborated with artists, designers, and other programmers to integrate assets and features.

– Profiled the project to identify and implement improvements in speed and stability.

Grip Digital – *Gameplay Programmer (Unreal Engine 4, C++, UE Blueprint)*

July 2022 – October 2022

– Created mini-games for an unannounced project.

Gamefam – *Gameplay Programmer (Roblox Studio, Lua)*

December 2021 – June 2022

– Programmed new systems, interfaces, and game mechanics.

– Analyzed and iterated on gameplay balance.

Future Mind – *Mobile Application Programmer (Android Studio, Java, SQLite)*

July 2014 – July 2015

– Created (from mockup to release) a dictionary app, Synonimy.pl

– Supported the development team of the Envelo project for Polish Post by testing and managing bugs.

Other Relevant Professional Experience

Self Employed – *Mathematics and Computer Science Tutor*

July 2014 – June 2024

– Advanced mathematics and computer science, focusing on algorithms, data structures, and graphics.

Sofrecom – *Business Consultant*

February 2011 – May 2012

– Led a project to implement customer satisfaction standards in public administration offices in Poland.

– Responsible for humanizing and simplifying administrative language to improve client communication.

Kreatywny Cukier – *Artistic Cake Workshop Manager*

January 2010 – January 2011

– Managed projects and team, ensuring timely delivery of artistic cakes under tight deadlines.

Skills

– **Languages**: *Rust, C++, Java, Lua, Python, UE Blueprint, SQL.*
– **Technologies**: *Unreal Engine, Iced GUI, OpenGL/Glium, Nalgebra, Roblox Studio, Android Studio.*
– **Workflow Tools**: *Perforce Helix, Git, Jira, Redmine.*

– **Human Languages**: *Polish (native), English (fluent), French (basic), Hindi (very basic).*
– **Soft Skills**: *Team Leadership, Client Communication, Problem-solving, Adaptability.*

Education

Warsaw University of Technology – *Computer Science*

2008 – 2011 (Bachelor's Course)

Adam Mickiewicz University in Poznań – *Mathematics*

2019 – 2021 (Bachelor's Course)