

Rome, Italy

TAMAS JOSEPH LEX

+36(30) 179-1622
xeltomi71@gmail.com

EMPLOYMENT

	Governmental Information-Technology Development Agency	
Backend Developer, Intern		Summer 2017
PHP		
<ul style="list-style-type: none">• Learned various PHP frameworks such as Slim3, Laravel, Symfony• Developed and maintained various small websites• Acquired the basic of web application development		
	Governmental Information-Technology Development Agency	
Fullstack Software Developer		Fall 2017 – April 2023
<ul style="list-style-type: none">• Helped to develop an automated deployment system using Gitlab and Kubernetes• Took over the development of conference management system during Covid, which was used by both Government and Public education• Led the development of a software license website for student and teachers of Hungary providing Windows and M365 licenses for over 600 000 people• Led the development of a video player for Hungary's video archive, which could both plays back a presentation and a video source at the same time• Mentored junior developers, conducting code reviews and providing guidance on best practices for code organization and performance optimization		

EDUCATION

	Óbuda University – John Von Neumann Faculty of Informatics	
Budapest, HU		Fall 2017 – May 2022
<ul style="list-style-type: none">• B.S.E. in Computer Science Engineering with Minor in Advanced Software development techniques. In-major GPA: 4.0.• Coursework: Computer Architecture; Algorithms; Artificial Intelligence; Image processing; C++ development techniques; Web and Mobile development; OOP and Design Patterns		

TECHNICAL EXPERIENCE

Most Recent Projects outside work

- **In Vitro Cell simulation** (2022). Simulation of cell movement and division using a mathematical model, C++, SFML, OpenGL
- **Gameboy emulator** (2022 – 2023). Started to develop an old Gameboy emulator based on ancient documents, C++, IMGUI
- **OpenCV Parking space detector** (2023). Occupied parking space detector using OpenCV and a IP camera. C++, OpenCV, OpenGL
- **Self-hosted automated PHP deployment** (2023). PHP application deployment framework using Docker

Languages and Technologies

- C++; PHP; Java, Kotlin, XCode, C#.NET; SQL; JavaScript;
- Visual Studio; MySQL, Git, Docker;

Spoken Languages

- Hungarian: mother tongue
- English: professional level
- Italian: under study