

ADAM K.

kaidamumail@gmail.com | **Public Resume/CV** | Hungary

Portfolio: <https://kaidamu.github.io/>

<https://www.linkedin.com/in/kaidamu/> | <https://github.com/KaiDamu>

C++ Programmer | Software Engineer | Lead Developer

A C/C++ Software Developer with 8 years of experience.

Well-versed in achieving **efficient code design**, working with **legacy systems**, and development of **AI applications** through own projects and **collaboration** with others, while continuing to **grow** as a professional.

PROFESSIONAL EXPERIENCE

C/C++ Developer | 2015 - Present

Self-Employed & Freelance | Hungary & Remote

- Completed **100+ C++ projects**, including a secure messaging platform with **encrypted servers** and anonymous presence feature.
- Programmed a **C++ AI application** for my board game, optimized for performance to evaluate **40M moves/sec** on a consumer CPU thread.
- Implemented back-end architecture for a **database project**, storing user information and providing analytics, for a site with **1M monthly users**.
- Developed an in-game **trading tool** that recommends buy/sell decisions, achieving **top 1%** of wealth in 2 weeks.
- Achieved **time savings of 90%** with my in-game trading tool and 75% with an image/video search result optimizer website, saving users **months** of work.
- Developed a versatile macro program to streamline tasks and boost productivity by **up to 400%** in several applications.
- **Projects:** <https://kaidamu.github.io/>

EDUCATION

Professional Qualification in Software Development (OKJ)

@ Technical secondary school (2017 - 2022)

- Professional Grade: 5/5

TECHNOLOGICAL LANGUAGES

C • C++ • Python • Java • JavaScript • HTML • CSS • C# • SQL • PHP

TECHNOLOGICAL TOOLS

OpenGL • Vulkan • BASS • GLFW • FFmpeg • STB • Allegro • Node.js • Express.js • jQuery • Bootstrap • Apache • Nginx • MySQL • Grafana • Git • TensorFlow • OpenCL • WinAPI • Zlib

AREAS OF EXPERTISE

High Performance/Low-Latency Programming • C++ Software Development • Object-Oriented Programming • Game Development • Project Planning and Execution • Automation • Network Programming • Software Design and Development

HOBBIES AND INTERESTS

In my free time, I enjoy exploring my interests in information management, health and wellness, law, philosophy, psychology, and quantum mechanics. I find great satisfaction in finding ways to efficiently organize and access information, maintaining a healthy lifestyle and delving into the deep questions of life and reality through philosophy and psychology.