

ADAM K.

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📄 Portfolio: kaidamu.github.io
📁 www.linkedin.com/in/kaidamu 📁 github.com/KaiDamu

C++ Programmer • Software Engineer • Lead Developer

A versatile **C/C++ Software Developer** with **8 years** of experience, pushing boundaries.

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

EXPERIENCE

C/C++ Developer | 2015 - 2023

Self-Employed | Hungary & Remote

- Initiated and completed **100+ C++ projects**, including a secure messaging platform with **encrypted servers** which allowed secure and private communication and file sharing.
- Programmed a **C++ AI application** for my board game *Dalement*, optimized to evaluate **40M moves/sec** on a consumer computer, surpassing the skills of 9/10 players.
- Designed and implemented back-end architecture for a **database project**, storing user information and providing analytics for a site with **1M monthly users**, extending possibilities.
- Developed an in-game **trading tool** that recommends buy/sell decisions, achieving the **top 1%** of wealth in 2 weeks, allowing to gain control over the market.
- Achieved **time savings of 90%** with my in-game trading tool and 75% with an image/video search result optimizer website called *Image Matrix*, saving users **months** of work.
- Developed a versatile macro program to streamline tasks and boost productivity by **up to 400%** in several applications, eventually leading to improved progression.
- Created *Katana*, a lightweight cross-platform **programming language** with a clean syntax, providing clear-cut low-to-mid-level code and **excellent performance** for projects.
- **See my projects** in detail: kaidamu.github.io

EDUCATION

- **Professional Qualification in Software Development (OKJ)**: Grade 5/5
- **Secondary School Certificate (Honors Level)**, focus on IT & English: Score 448/500
- **Advanced Level English Language Proficiency Certification (C1)**
@ Vocational secondary school, Hungary

PROGRAMMING LANGUAGES

- C / C++
- JavaScript
- HTML
- Python
- Java
- SQL

TECHNOLOGIES

- OpenGL
- Git
- Node.js
- TensorFlow
- WinAPI
- MySQL

SKILLS

- Project Planning
- Object-Oriented Programming
- Automation
- Network Programming
- Software Design
- Collaboration
- Game Development
- Low-Latency Programming
- Adaptability

INTERESTS

Information Management • Health and Wellness • Law • Philosophy • Psychology • Quantum Mechanics

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