

GERGELY ALVINCZ

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Professional Profile

With a background in mechanical engineering and practical experience, I pursued a Master's in computer science to explore my interest further. Focused on coursework, I expanded expertise in algorithms, AI, and data structures. With a new flexible schedule, I'm eager to apply my diverse skill set to roles combining engineering and software development, but open to opportunities in both fields.

Experience & Education

COMPUTER SCIENCE MSC (CORRESPONDENCE COURSE)

Széchenyi István University

Sept 2022 - Jun 2024

Győr, Hungary

In my Master's in Computer Science, I gained expertise in advanced topics such as algorithms, artificial intelligence, databases, and software engineering. Through practical projects and staying updated with the latest advancements, I acquired a strong foundation to tackle complex challenges in the field.

COMPLIANCE ENGINEER

General Electric

Feb 2022 - Dec 2022

Budapest, Hungary

Compliance review of gas and steam turbine components. Other additional responsibilities:

- Processing the regulation system of international regions based on the standards.
- Examination of daily orders depending on the region and turbine technology.
- Production and technological assistance to colleagues in HTS code generation.

MAINTENANCE ENGINEER

Samsung SDI

May 2021 - Feb 2022

Göd, Hungary

I was responsible for the operation, development and maintenance of the BMW transport packaging lines. I worked in a large-scale environment where I gained experience in both team and independent work.

- Machine safety protection development.
- The mechanical and software acceleration of production lines means a reduction in service life without them.
- Storage system development in a Python environment.

MECHANICAL ENGINEER BSC

Óbuda University

Sept 2017 - Jan 2021

Budapest, Hungary

I graduated in mechanical engineering, majoring in production science. I learned not only to plan, but also to think and organize during the course. I had the opportunity to do student work at the Department of Materials Science and help in research.

Skills

SolidWorks • CatiaV5 • CAD/CAM • C++ (modern C++) • Git •
SQL • CSS • VSCode • Jira • HTML • XML

Languages

English (fluent) • Hungarian (native)