Gergő Nochta

Software Engineer

CONTACT

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📞 +36 30 491 4060

EDUCATION

Master's Degree in Automotive Mechatronics
Budapest University of Technology and Economics
2014 - 2016

Bachelor's Degree in Optomechatronics
Budapest University of Technology and Economics
2010 - 2014

Secondary Grammar School
Ciszterci Szent István Secondary Grammar School - Székesfehérvár
2002 - 2010

LANGUAGES

Hungarian (Native)

English (Professional)

JOB REFERENCES

Dr. Attila Sándor Kazsoki (SANDECTRIC Kft.)
(tel:)kazsokiattila@gmail.com (mailto:kazsokiattila@gmail.com)

INTERESTS

3D printing

Laser engraving

Workout, running

DOWNLOADS

CV / Resume (https://chege54.github.io/gergo-nochta-cv/gergo-nochta-cv.pdf)

👤 CAREER PROFILE

I am having **8 years experience** in automotive **C/C++** embedded software development. I have experience with scripting languages like **Python** for task automation and test application development. I am having strong knowledge in C++ language, libraries, data structures, algorithms and protocols. Experience in SW-design, development, debugging, bug-fixing and profiling applications for embedded platforms. Besides of software development, I'm also interested in **cyber security, 3D printing, modelling and DIY electronics.** I've been working in a multinational environment at all my workplaces.

💼 EXPERIENCES

Software Architect

2022 - present
Robert Bosch Kft. - Budapest

- Continuously improve developer experiences, tools, and techniques to improve productivity (Docker), code quality by implementing CX quality gates, and team collaboration (Jira/agile).
- SW packaging and integration (Conan/CMake, Make)
- Automate release process and changelog generation.
- Repository structure manitanace and cleanup.
- Resource optimalizaton, profiling SW with Valgrind, gdb.
- Part of the DevOps team with focus on CI/CT.
- CI improvements (code-coverage/sanitizers/static analysis/build speed-up).
- Continuously inform developers about the current KPIs and quality goals.

Software Engineer

May 2016 - 2022
Robert Bosch Kft. - Budapest

- Developing high performance driver assistance C++ applications.
- Follow waterfall-modell during development.
- Implement C++ unit-tests (GTest) for existing and newly developed code.
- Writing scripts to visualize and analyze performances (KPIs) in Python (matplotlib, pandas).
- Bug-fixing and measurement analysis from from real traffic situations (Vector vsignalyzer).
- Resimulation and verification of code changes and improvements.

Process Engineer - Trainee

May 2013 - May 2016
Harman International - Székesfehervar

- Quality checking by NI cameras and machine vision.
- C# programming for product life cycle traceability (SAP).
- Mitsubishi Robot and PLC programming for product maunfacturing and assembly.

Teaching Assistant

Sep 2013 - Feb 2014
Budapest University of Technology and Economics

- Assisting Optics and Vision Systems laboratory.
- Helping to set-up classroom equipments, distribute materials and assist with demonstrations.
- Manage large classes by taking attendance and maintaining order.

🚀 SKILLS & PROFICIENCY

Git

C/C++

Python

Linux

Fusion 360, Blender, 3D modelling

★ OTHERS

Soft skills

- Willingness to accept feedbacks
- Result-orientation
- Developing others (teaching experience)
- Teamwork and collaboration

Teaching experience

- 3 years experience as an internal instructor - **Version control with Git on basic and advanced level**.