

NIKITA BUDOVEY

DEVELOPER



CONTACT

+372 580 032 34

antonika764@gmail.com

<https://github.com/Parsifal22>

Tallinn, Estonia

EDUCATION

BACHELOR

TALLINN UNIVERSITY
OF TECHNOLOGY

2020 - 2023

SKILLS

SYSTEM ENGINEERING

- SystemVerilog
- Computer assembling
- Digital electronics
- VHDL
- FPGA
- Embended systems design
- SysML / UML

INFORMATION TECHNOLOGY

- Linux
- Git
- ROS2
- C / C++20 (Qt, OpenCV)
- Java SE 17 (Spring)
- Python (PyTorch, NumPy)
- Matlab
- Web development (HTML / CSS, PHP, MySQL, PostgreSQL)
- Machine learning (CNN, YOLO)

LANGUAGES

- English
- Estonian
- Russian

PROFILE

Certified programmer with more than 2 years of experience in various IT fields. Good knowledge in such areas as digital electronics, system programming, programming of embedded systems. Have basic knowledge in analog electronics and robotics. Have experience using sysML and UML. Ability to use SystemVerilog and VHDL to develop digital circuits. Understanding and experience with various Agile methodes (Scrum, Kanban and V-model).

There are no problems with communication with other colleagues. Ability to prevent conflict with people. The ability to work in a coordinated manner and not be distracted by extraneous matters. Tolerant vision of other people's feelings, appearance and views. Willingness and desire to learn new technologies, programming languages and frameworks.

EXPERIENCE

COMPUTER VISION ENGINEER

TALLINN UNIVERSITY
OF TECHNOLOGY

JUL 2023 - JAN 2024

Design of automated system for Drones. Development of a model based on YOLOv5-8 for real-time video processing for military purposes.

RESEARCHER

TALLINN UNIVERSITY
OF TECHNOLOGY

SEP 2022 - JUL 2023

Development of Systolic array for DNN-accelerator on SystemVerilog from scratch. Work on the open source project Gemmini from the University of Berkeley.

ELECTRONICS ENGINEER

ERICSSON EESTI AS

JUN 2022 - SEP 2022

Development of terminal for FPGA Lattice LCMXO3LF-6900C. Writing code to work with external memory through different protocols.

EMBEDDED SOFTWARE DEVELOPER

SATRON RD OÜ

DEC 2021 - MAR 2022

Development of a backend in C and a frontend in Vue.js v.3 (JavaScript) on an ESP32 microcontroller.