Vladislav Budiak

Software Engineer
Bachelor in Computer Science and Engineering

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LinkedIn

Experience

•**WeHeat, Netherlands – Software Engineer**   *August 2023 - Present*
Backend Development, Embedded Firmware   Duizel, Netherlands

 – **Embedded Firmware (August 2024 - Present)**: Developed and optimized firmware for heat pump systems, focusing on communication protocols (STK500, ProtoBuf, MQTT) using C, C++, Assembly, and ARM-based STM microcontrollers.
 – **Backend Development (November 2023 - August 2024)**: Contributed to backend development using C# .NET, MongoDB, PostgreSQL, and Docker, ensuring seamless integration between firmware and software.

•**SensUs Student Competition**   *August 2022 - March 2024*
Chair / Technology Department Member   Eindhoven University of Technology

 – **Chair (September 2023 – March 2024)**: Directed the competition's organization, coordinating efforts across multiple teams and departments.
 – **Technology Department Member (August 2022 – September 2023)**: Played a key role in developing and implementing the technical infrastructure.

Education

•**Bachelor of Science in Computer Science and Engineering**   *2021-2024*
Eindhoven University of Technology   Honors Program

•**Iacocca Global Village Program**   *May 2022 - November 2022*
Lehigh University   Certificate

•**Future Leaders Exchange (FLEX) Program**   *2019-2020*
U.S. Department of State   Certificate

•**Farmer's Certificate**   *September 2022 - May 2033*
The Chamber of Agriculture of the Republic of Lithuania   Agriculture, Agriculture Operations, and Related Sciences

Achievements

•**3rd Place** Lithuanian Olympiad in Informatics   *2018/2019*

•**3rd Place** Lithuanian Olympiad in Informatics (Age Group)   *2017/2018*

•**Represented Lithuania** European Junior Olympiad in Informatics   *2017/2018*

Skills

Languages: English, Lithuanian (native), Russian (second native), Ukrainian (professional working)
Soft Skills: Leadership, Problem Solving, Adaptability