

Dominik Stasiak

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EDUCATION

Silesian University of Technology
Aerospace engineering

10.2023 – present

SKILLS AND TECHNOLOGIES

Programming: C, C++, Python, (PyQt, Django, Flask, Pygame), SQL, HTML, CSS

Operating systems: Windows, Linux (Ubuntu, Arch)

Tools: Docker, Git, CMake, VS Code, MatLab, Autodesk Inventor

Languages: Polish – native, English – advanced, Spanish – basic

WORK EXPERIENCE

Silesian Aerospace Technologies – Student Association

November 2023 – present

- Wind tunnel project: construction and electronics design
- Writing C++ code for rocket onboard computer (Arduino)
- Learning electronics and embedded programming

Security Guard

June 2023 – Sept. 2023

- Store security and sales
- Managing schedules for security guards

PROJECTS

Arch installer - polish translation

- Completing and correcting the Polish translation of the official Linux Arch installer

Swallow (C, CMake, C++) - <https://github.com/dominikstas/Swallow>

- Command-line interface tool designed to interact with an microcontrollers (currently only Arduino UNO 3)
- Wrote in C, supporting code for Arduino in C++ and C
- Created to provide a streamlined way to control and test embedded functionalities for UAV's

Moritat (C, CMake) - <https://github.com/dominikstas/Moritat>

- Create command-tool to help with compiling Ada projects
- Basic support of C and C++
- Make interface for common development tasks such as directory navigation or listing folders.

MusicX (Python, Django, SQLite) - <https://github.com/dominikstas/musicX>

- Web application designed to help music enthusiasts organize and manage their music collection.
- Create website and forms using Django, HTML and CSS
- Use SQL for managing collection database

I hereby give consent for my personal data to be processed for the purposes of recruitment, in accordance with the Personal Data Protection Act dated 29.08.1997 (uniform text: Journal of Laws of the Republic of Poland 2002 No 101, item 926 with further amendments)