Savva Popov

ABOUT ME

I am an 18-year-old student at the **Secondary Technical School of Engineering** in Prague, Prosek, specializing in **Electrical Engineering** - **Mechatronics** (industrial automation). I am actively involved in working on projects where I can learn new skills such as: **PCB designing**, **robotics**, **programming**, **CAD**, **CNC**, **3D printing** and much more. I love to learn new skills, even outside of my field. While studying at the **Secondary Technical Engineering**, I was involved in several long-term projects where I gained new knowledge and applied that knowledge at the same time.

EDUCATION

SECONDARY SCHOOL | SPS NA PROSEKU

- Start of studies: September 2022, expected graduation: June 2026.
- Field: 26-41-M/01 Electrical engineering - mechatronics (INDUSTRIAL AUTOMATION)
- Member of the student parliament
- Awards during studies:
  Class teacher's commendation- Roman Knop
  Commendation of the school principal – Ing. Lukas Prochazka

SKILLS AND ABILITY

LEADERSHIP

- Leading a school robotics team "**SUMEC**"- MiniSumo robot
- Leading the "**SCHRACK TECHNIK LED PANEL"** project team

COMUNICATION

- When working on projects or participating in international competitions, it is important to communicate with both competition organizers and opponents to gain as much information as possible, learn lessons and find ways to improve.

TEAMWORK

- When working on projects, it is essential to have a team of people in which we can work together and divide our tasks for the best and fastest result. The key is that each person in the team has a role and works with passion.

PROBLEM SOLVING

- My main role when working on projects is designing PCBs (printed circuit boards). When designing, it is important to have good problem-solving skills and quick adaptation. If a mistake is made it is critical to adapt and come up with the best possible solution.

MOTIVATION

- I love my line work. I find it useful and therefore I am very motivated to work in an environment that has something in common with my field.

WORKABILITY

- I do my work on projects carefully and thoroughly, and I try to make sure that my co-workers can rely on me.

PROJECTS

SUMEC

- The first major project, **SUMEC** is a MiniSumo bot that is designed to compete in international MiniSumo tournaments. It's a great project to showcase all the skills involved in building this robot, such as mechanics, PCB designing, and programming.

SCHRACK TECHNIK LED PANEL

- This project was commissioned by Schrack Technik in the second year of study at the **Secondary Technical School of Engineering**. Main metal panel provided by **ARODEM**; LEDs from SchrackTechnik were installed in the panel. Our task was to implement a control unit for controlling array

SCHRACK TECHNIK COUNTER + SCHRACK TECHNIK MULTICLOCK

- **SchrackCounter** is a project that was made to prove the robustness of Schrack Technik's CUBIC VISIO S55 light switches, in this project we use the ESP32 Wi-Fi module, which is often used in **IoT** (Internet of Things).

  SchrackMulticlock is clock that can be switched between countdown -> stopwatch and timer mode.

NATSI-DEVKIT

- The **NatSi-DevKit** is an ESP32-S3 based development board that supports 2.4GHz Wi-Fi and Bluetooth 5, the chip is capable of operating at 240 MHz, the board includes its own micro-SD card slot and 45 programmable GPIO pins.

LANGUAGES

- Russian – (Native)
- Czech – (Advanced)
- English - (Advanced)

WORK EXPERIENCE

INTERNSHIP | ELEKTRO-KRIVKA

- The task was to install a cable to power a secondary substation at the LE & CO factory.
  - Prumyslova zona Jirny, Podebradska 606
- https://www.elektrokrivka.cz/uvod.htm

WAREHOUSEMAN | ROHLIK

- Receiving, loading and unloading goods, checking the quality and quantity of goods received, preparing and packing orders for dispatch to customers.
- https://www.rohlik.cz

CONTACTS

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