

# Evo Annus

16.10.2001 | Viimsi, Harjumaa  
evo.annus@gmail.com | +372 5692 6727

## EDUCATION

### TALTECH

BSc IN PRODUCT DEVELOPMENT  
AND ROBOTICS  
2020 - 2023 | II year  
GPA: 5.0  
Done 120 ECTS

### TALLINN SECONDARY SCHOOL OF SCIENCE

Natural Sciences, Programming  
2017 - 2020  
Silver medal

### VIIMSI SECONDARY SCHOOL

2008 - 2017

## LINKS

Portfolio  
Github

## SKILLS

### LANGUAGES

Estonian - Native Speaker  
English - C1  
Russian - Basic communication

### DRIVERS LICENSES

B - category

### ENGINEERING SKILLS

#### MECHANICS

CAD  
Solidworks • Siemens NX  
CAM  
Siemens NX  
Welding  
MIG/MAG • Shielded metal arc welding

#### ELECTRONICS

Soldering  
Arduino

#### PROGRAMMING

Python  
C  
Matlab

## PROJECTS

### 3D BIKE MODEL | SCHOOL PROJECT

2020

- As a group project we designed and modeled bicycle using **Solidworks CAD** software.
- I personally modeled derailleur, break, saddle and chain. I also modeled some less significant details.
- Our bicycle was the second-best project that year.

### ELECTRICAL SKATEBOARD | PERSONAL PROJECT

2021 - 2022

- I began working on this project because I wanted to make a skateboard that doesn't require a remote to control its speed.
- Speed controlling is made possible by using **strain gauge** sensors, that are mounted on the trucks.
- **Arduino** is used to process the data coming from sensors and to output the required PWM signal for motor speed controlling.
- During this project I learned **soldering**, **motor speed controlling**, using **strain gauges** and **Arduino** programming.

### AUTONOMOUS BOAT | ROBOTICS CLUB PROJECT

2022

- As a group we designed and built a boat, that has to complete a lap on the track as fast as possible.
- Boat hull is modeled in **Solidworks** and **3D printed**.
- Electronics is controlled by **STM32 nucleo f303k8**, which is programmed in **C language**.
- Controller gets the data from **IR sensors**, that measure the distance from an object. An optimal driving path can be calculated using this data.

## HOBBIES

Sailing - Competing for National Team  
Investing, Reading