

# Evo Annus

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

## EDUCATION

### TALTECH

BSc IN PRODUCT DEVELOPMENT  
AND ROBOTICS  
2020 - 2023  
GPA: 5.0  
Cum Laude

### TALLINN SECONDARY SCHOOL OF SCIENCE

NATURAL SCIENCES, PROGRAMMING  
2017 - 2020  
Silver medal

### VIIMSI SECONDARY SCHOOL

2008 - 2017

## LINKS

LinkedIn  
Portfolio  
Github

## SKILLS

### LANGUAGES

Estonian - Native Speaker  
English - C1  
Russian - Basic communication

### DRIVERS LICENSES

B - category

### ENGINEERING SKILLS

#### MECHANICS

CAD / CAM  
Solidworks • Siemens NX • Solid Edge  
Welding  
MIG/MAG • Shielded metal arc welding  
3D printing  
FEM

#### ELECTRONICS

Soldering  
Microcontrollers

#### PROGRAMMING

Python • C • C++  
Java • Matlab

## EXPERIENCE

### CYBER COMMAND ICT CENTRE | SOFTWARE DEVELOPER

Spetember 2023 - Present

- I am working on a web application that enables generation of configuration files for different switches and routers.

### NEPTUNE FIRST | MECHANICAL ENGINEER

April 2022 - Present

- We are developing a device TrimSense, that makes possible exact sail curvature measurements and therefore it's possible to optimise the sail shape.
- Designing parts with **Solidworks** and then using **3D printing** to make the parts.
- Optimising **production process** for the device.
- Changing design of the device to minimize production costs and increase durability of the device.
- Selecting components and establishing **communication with companies** to fabricate the necessary parts.

### MILREM ROBOTICS | MECHANICAL ENGINEER

July 2022

- Designed Tethered Follow-Me device for THeMIS using **Solidworks**.
- Mandatory parts for the prototype were **3D printed**.
- Chose prebuilt details to minimise the amount of specially designed parts.
- Assembled the final product and mounted it onto THeMIS.
- **Tested** the final product and changed the design as needed.

### KITMAN THULEMA | MECHANICAL DESIGN ENGINEER

June 2022

- Created drawings and 3D models for **sheet metal** and **wooden** products using **Solid Edge**.
- Chose **materials** and **production processes** for products.
- Was responsible for printing parts with **3D printer**.

## PROJECTS

### ELECTRICAL SKATEBOARD | PERSONAL PROJECT

2021 - 2023

- 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 for processing the data coming from sensors and to output the required PWM signal for motor speed control.

### TALTECH STUDENT SATELLITE | MECHANICAL ENGINEER

2022 - 2023

- As a team, we constructed a **PocketQube** satellite aimed at testing a novel type of solar panels and gathering samples of lunar dust.
- With the help of **Solidworks**, I designed the wings for the satellite, which serve as the mounting point for solar panels.
- Helped to solve other mechanical and product development related questions.