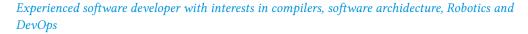
# Tavo **Annus**









## **Education**

TalTech - Tallinn University of Technology

MASTER OF COMPUTER SCIENCE

Tallinn, Estonia

- GPA: 5.0/5.0
- Thesis: Term Search in Rust
- Courses: Data Mining | Machine Vision | Software Verification | Logical Programming

F# R Rust C Prolog Python Java Kotlin C# Idris2

# Professional Experience\_\_\_\_\_



Pikker Technology

SOFTWARE DEVELOPER

Tallinn, Estonia

2025 - Present

• In charge of full-stack solution for tracking courses for Ettevõtluskeskus

Kotlin Svelte

® Milrem Robotics

SENIOR SOFTWARE DEVELOPER

Tallinn, Estonia

- In charge of THeMIS UGV platform software, mainly generator and motor control
- · One of the main contributors to design of external interface
- In charge of 8x8 UGV platform high-level systems, vehicle mock and CI/CD

C++ Rust ROS2 Zenoh

TalTech - Tallinn University of Technology

TEACHING ASSISTANT

Tallinn, Estonia

- Designed some tasks and mentored students in Python, Java and Algorithms courses
- · Mentored students in Game/Web Development and Robotics courses

Python Java SpringBoot CI/CD

# Projects & Associations \_\_\_\_\_

#### rust-analyzer

**OPEN SOURCE CONTRIBUTOR** 

2023 - 2024

- Implemented term search (proof search) functionality
- · Worked with type unification, trait solving, borrow checking and code generation

### veloren

**OPEN SOURCE CONTRIBUTOR** 

- · Improved camera clipping and camera behavior in general
- · Experimented with continuous time drag calculation for physics

### Publications \_\_

Annus, T., & Joram, P. (2024). Term Search in Rust. Proceedings of the 9th ACM SIGPLAN International Workshop on Type-Driven Development, 62-73. https://doi.org/10.1145/3678000.3678210

# Skills.

Languages Estonian | English | Russian (basic) **Tech Stack** Arch | Neovim | XMonad / Cosmic Epoch

Personal Interests Sailing / Sports in general | Psychology | Investing | Open Source contributing

**Driver licences** B | BE | C | CE | T

Tavo Annus CURRICULUM VITAE