

# Shprenger Konstantin Aleksandrovich

---

## About Myself

System level software engineer. Experienced in distributed system organization and multi-processor programming. I want my skills to be enhanced in that way for future perspective. Currently focusing on studying Byzantine Fault Tolerance. Considering the practical approach more valuable in the way it will provide more complex and interesting tasks.

## Education

ITMO University

- Faculty of Software Engineering and Computer Systems
- Bachelor's program: "System and applied software" (education period: 2021 - 2025)

Lyceum at the Tomsk Polytechnic University

- Education period: 2019 - 2021

## Personal projects

- [RAFT Consensus protocol implementation](#) (Capstone)
- [Runtime for stackful fibers and lazy futures](#)
- [Projects focused on low-level programming](#)
- [Carolina - Hotstuff consensus](#) (WIP)

## Skills

- Experience with programming languages:
  - Golang, Rust, Erlang, C/C++ Java, Kotlin, Assembly x86\_64/RISC-V
- Consensus protocols
- Lock-Free data structures
- Memory models
- Transactional memory

## Achievements and volunteering

- Victory in the XIV regional tournament on mathematical battles, Tomsk region. (2021)
- Judging XV and XVI regional tournaments on mathematical battles, Tomsk region.
- Prize-winning place in the MIPT Olympiad (2021), Mathematics

## Additional

- English C1 Advanced level

## Contacts

Email - [kostya@shprenger.com](mailto:kostya@shprenger.com)

Phone number: +79811089011

[Telegram](#)

[Github](#)

[Gitlab](#)

[LinkedIn](#)