Roman Lakeev

System Software Engineer

Biographical

- **Location**
  Moscow, Russia

- **Telephone**
  +79259050415

- **Date of birth**
  22nd November 1993

Education

- **MSTU "STANKIN"** — Moscow, Russia
  B.D. Computer Science and Information Technology — *2011 - 2015*

  – Faculty of Computer Science and Control Systems
  – GPA: 4.33

Experience

- **Samsung R&D Institute** — Moscow, Russia
  Junior Software Engineer — *July 2017 - current*

  – Developing Kernel Address Sanitizer (KASan) for TizenRT OS
  – Developing Undefined Behavior Sanitizer (UBSan) for TizenRT OS
  – Maintenance of KASan and UBSan subsystems

- **Ventra Solutions Ltd (outsource for Samsung R&D Institute)** — Moscow, Russia
  Junior Software Engineer — *September 2016 - July 2017*

  – Testing Linux/Tizen driver for graphical memory compression
  – Integrating support of driver for graphical memory compression into ResourceD
    (resource management daemon in Tizen)
  – Porting Android 7.1 to new printer hardware platform
  – Developing Kernel Address Sanitizer (KASan) for TizenRT OS

Professional Skills

- Strong skills in C programming with extensive knowledge of operating systems
- Knowledge of Linux kernel and NuttX OS internals
- Linux programming (kernelspace and userspace)
- Assembler (ARM, x86)
- Bash scripting
- Proficient in troubleshooting and debugging
- Experienced Linux user
- Confident knowledge of algorithms and data structures
- Ability to follow coding style and code organisation principles dictated by the project
- Excellent communication skills
- Intermidiate level of English language, free reading of technical literature and papers
- Organized and punctual

Hobbies

- Constant self-learning
- Bare metal and microcontroller programming
- Participating in Eudyptula Challenge
- Reading (mostly Sci-Fi)
- Riding bicyce, taking part in bicycle trips on a weekends
  (my personal bests is 150 km for one-day trip and 500 km for one-week trip)