Alfonso Ros
Curriculum Vitae

St.-Veit-Str. 28
81673 München
✆ *+49 173 6523397*
✉ *alfonso.ros.88@gmail.com*
in *Alfonso Ros Dos Santos*
⊕ *alfonsoros88*

Work Experience

September 2020 - present	**Software Engineer**, *ESR Labs GmbH*, Germany. ○ Contribution to Northstar, a container runtime written in Rust. ○ Development of Intrussion Detection System in Rust
2019 - 2020	**Software Engineer**, *Autonomous Intelligent Driving GmbH*, Germany. ○ Development of the Vehicle's Middleware Transport (C++11, DDS, Linux).
2018 – 2019	**Project Engineer**, *TTTech Auto AG*, Germany. ○ Development of BMW's *Keep Lane Assistant* (C++14, ROS).
2016 – 2018	**Software Engineer**, *evosoft GmbH*, Germany. ○ Implementation of monitoring system for electrical substations (C/C++, DPDK, RTLinux). ○ Setup of Continuous Integration for embedded testing (Yocto-Linux, LAVA, Python, Go)
2015 – 2016	**Working Student**, *Siemens Corporate Technology*, Germany. ○ Implementation of *Internet of Things* systems (C/C++, Cortex-M4, CoAP).
2012 – 2013	**Software Engineer**, *talPor Solutions C.A.*, Venezuela. ○ Web Development using Python (Django).
2008 – 2011	**System Administrator**, *Universidad Simón Bolívar*, Venezuela. ○ Network and System administration (DHCP, DNS, E-Mail, NFS, LDAP). ○ Teaching Linux and C Programming courses.

Technical skills

Languages	C++17, Rust, Python, Haskell
Software	Git, CMake, Bazel, GDB, valgrind, Linux, vim.

Education

2013–2016	**M.Sc. Informatics**, *Technische Universität München*, Germany. Major: Computer Vision and Machine Learning.
2006–2012	**B.S. Computer Science and Engineering**, *Universidad Simón Bolívar*, Venezuela. Award: 2011's Best Computer Science thesis – IEEE & Inelectra Venezuela.

Languages

Spanish	Mother tongue
English	Professional working proficiency
German	Intermediate proficiency

Hobbies

playing Video and Board games, painting and a bit of piano playing