

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

- November 2019 - present **Software Engineer**, *AUTONOMOUS INTELLIGENT DRIVING GMBH*, Germany.
◦ Development of the communication layer for the Vehicle's Platform (C++11, DDS, Linux).
- 2018 – 2019 **Project Engineer**, *TTTECH AUTO AG*, Germany.
◦ Development of BMW's *Keep Lane Assistant* customer function (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.
◦ Development of *Internet of Things* services (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 (e.g. DHCP, DNS, E-Mail, NFS, LDAP).
◦ Teaching Linux and C Programming courses.

Technical skills

- Programming Proficient: C++17, Python
Languages Familiar: Rust, CUDA, Go, shell scripting, LUA, Matlab, Haskell.
Libraries Familiar: GTest, Catch2, Boost, Point Cloud Library (PCL), Eigen, OpenCV
Software Proficient: vi, Git, CMake, Bazel, GDB.
Familiar: valgrind, Ansible, Docker, Blender, Unity.

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.
Major: Machine Learning and Computer Graphics.
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