

# Alfonso Ros

## Curriculum Vitae

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### Work Experience

- September 2020 - present **Software Engineer**, *ESR LABS GMBH (ACQUIRED BY ACCENTURE)*, Germany (Acquired by Accenture).
  - Contribution to Northstar on Github (Rust).
- 2019 - 2020 **Software Engineer**, *AUTONOMOUS INTELLIGENT DRIVING GMBH*, Germany (Acquired by Argo AI).
  - 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.
  - Embedded programming for *Internet of Things* applications (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

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

### 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