

Alfonso Ros

Curriculum Vitae

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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.

Work Experience

- since **Software Engineer**, *AUTONOMOUS INTELLIGENT DRIVING GMBH*, Germany.
November 2019
 - C/C++ development in the Software Platform team.
- 2018 – 2019 **Project Engineer**, *TTTech Auto AG*, Germany.
 - C/C++ development for BMW's Autonomous Driving project.
- 2016 – 2018 **Software Engineer**, *EVOSoft GmbH*, Germany.
 - C/C++ Real-Time Linux Application development.
 - Continuous Integration for Embedded Linux in IoT devices.
- 2015 – 2016 **Working Student**, *Siemens Corporate Technology*, Germany.
 - C/C++ development for Internet of Things (IoT).
- 2012 – 2013 **Software Engineer**, *Talpor Solutions C.A.*, Venezuela.
 - Web Development using Python.
- 2008 – 2011 **System Administrator**, *Universidad Simón Bolívar*, Venezuela.
 - Network and System administration (e.g. DHCP, DNS, E-Mail, NFS, LDAP).
 - Teaching of Linux and C Programming courses.

Technical skills

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

Languages

- Spanish Mother tongue
English Professional working proficiency
German Intermediate proficiency

Hobbies

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