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 September 2016	**Software Engineer**, Evosoft GmbH, Germany. ○ Modernization and extension of legacy C code using C++14. ○ Development of a Real-Time C++ Application for protection of electrical substations using the IEC61859 standard. ○ Hardware testing automation of Embedded Linux Distributions and Microservices. ○ Development of tools to easily integrate projects in our test infrastructure.
2015 – 2016	**Working Student**, Siemens Corporate Technology, Germany. ○ Embedded Programming of IoT applications in C/C++. ○ Development of RESTful APIs for the embedded microservices.
2012 – 2013	**Software Developer**, talPor Solutions C.A., Venezuela. ○ Back-end and front-end development of E-Commerce sites using the Django framework.
2010 – 2011	**System Administrator**, *Database Research Group*, Venezuela. ○ Network, database, Linux and Unix administration.
2008 – 2011	**System Administrator**, *Laboratorio Docente de Computación*, Venezuela. ○ Network and service administration (e.g. DHCP, DNS, E-Mail, NFS, LDAP). ○ Teaching of Linux and C Programming courses.

Technical skills

Programming Languages	Proficient: C/C++, Python Familiar: CUDA, LUA, shell scripting, JAVA, Go, LaTeX, Rust, javascript, Matlab.
Libraries	Familiar: Catch2, Boost, Point Cloud Library (PCL), Eigen Library, Datalog, OpenCV, OpenMP and OpenMPI
Software	Proficient: vi, Git, CMake, GDB. Familiar: Ansible, Docker, Vagrant, Yocto, LAVA, Gradle, Django , AWS, Kubernetes, Blender, Unity.

Languages

Spanish	Mother tongue
English	Professional working proficiency
German	Intermediate proficiency