

Alfonso Ros

Curriculum Vitae

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Education

- 2013–2016 **M.S. 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 2016 **evosoft GmbH**, INTEGRATION ENGINEER, Germany.
◦ Testing automation and integration of software applications using Yocto for generation of Linux images for embedded devices.
- 2015 – 2016 **Working Student**, SIEMENS CORPORATE TECHNOLOGY, Germany.
◦ Development of RESTful applications of the subject of the Web of Things.
◦ Experience with different ARM processors and the ESP8266 processor.
- 2012 – 2013 **Software Developer**, TALPOR SOLUTIONS C.A., Venezuela.
◦ Front-end and Back-end development of different E-Commerce sites on Python using the Django platform.
◦ Experience guiding the development of a project alone.
- 2010 – 2011 **System Administrator**, *Database Research Group (Prof. Dr. María-Esther Vidal)*, Venezuela.
◦ Network and database administration.
- 2008 – 2011 **System Administrator**, *Laboratorio Docente de Computación (Prof. Dr. Blai Bonet)*, Venezuela.
◦ Network and service administration (e.g. DHCP, DNS, E-Mail, NFS, LDAP).
◦ Teaching in Linux and Programming courses.

Technical skills

- Programming Languages Proficient: C/C++, Python, LUA, CUDA and Shell Scripting
Familiar: JAVA, C#, Matlab, Ruby, JavaScript, Akka, Scala, Haskell and Prolog.
- Libraries Proficient: Point Cloud Library, Eigen Library, OpenCV, OpenMP and OpenMPI
Familiar: CGAL, libfreenect, OpenNI and OpenGL.
- Technologies Familiar: Django, Android, Ansible, Docker, Yocto, LAVA, AWS, Blender, Unity, OpenLDAP, BIND (DNS), NFS, Postfix, CUPS, NTP, NFS, PostgreSQL, Oracle and MySQL.

Languages

- Spanish Mother tongue
English Professional working proficiency

Extra-curricular activities

Playing tennis, piano, painting, making and playing video games.