Alfonso Ros

Curriculum Vitae

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in *Alfonso Ros Dos Santos*
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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

2015 – 2016 **Working Student**, Siemens Corporate Technology, Germany.
○ Development of RESTful interfaces for 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, CUDA and Bash
Familiar: JAVA, lua, C#, Matlab, Ruby, JavaScript, Haskell and Prolog.

Libraries — Proficient: Point Cloud Library, Eigen Library, OpenCV, OpenMP and OpenMPI
Familiar: CGAL, libfreenect, OpenNI and OpenGL.

Software — Familiar: Django, Android, Blender, OpenLDAP, BIND (DNS), NFS, Postfix, CUPS, NTP, NFS, Unity, PostgreSQL, Oracle and MySQL.

Languages

Spanish — Mother tongue

English — Professional working proficiency

German — Intermediate proficiency *B2.1 Student*

Extra-curricular activities

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