

# 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 2016 **System Integration Engineer**, EVOSOFT GMBH, Germany.  
◦ Continuous integration and testing of Embedded Linux images on different devices.  
◦ Development of custom tools for infrastructure setup.  
◦ Integration and testing of embedded microservices.
- 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 (Prof. Dr. María-Esther Vidal)*, Venezuela.  
◦ Network, database, Linux and Unix 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 of Linux and C Programming courses.

### Technical skills

- Programming Proficient: C/C++, Python, CUDA, LUA and Shell Scripting  
Languages Familiar: JAVA, Go, L<sup>A</sup>T<sub>E</sub>X, C#, Matlab.
- Libraries Familiar: Point Cloud Library, Eigen Library, datalog, OpenCV, OpenMP and OpenMPI
- Software Proficient: vi, 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

B2.1 Student