

Alfonso Ros

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EDUCATION

Bachelor of Computer Science

Universidad Simón Bolívar, Caracas, Venezuela, 2006-2012

Concentration: Machine Learning and Computer Graphics

Award: Best Computer Science thesis of the year 2011 - IEEE & Inelectra Venezuela.

M.Sc. Informatics

Technische Universität München, Germany, 2013-present

EXPERIENCE

Research Programmer

2015-present

Siemens CT

- Development and embedded programming of interfaces over the CoAP RESTful environment inside the subject of the Internet of Things.

Web Developer

2012-2013

talPor Solutions C.A.

- Back-end and Front-end development of Pollito Inglés. An E-commerce platform for baby care products and children.
- Back-end and Front-end development of Tunes Alive. An E-commerce platform for the distribution and promotion of new music bands.

System Administrator

2010-2011

Database research group laboratory, Universidad Simón Bolívar

- Administration of the laboratory's network and computers.
- Database administration.

System Administrator

2008-2011

Laboratorio Docente de Computación, Universidad Simón Bolívar

- Administration of the computer network of the informatics faculty.
- Administration of multiple operating systems and computer architectures.
- Administration of network services.
- Teaching for new laboratory members.

TECHNICAL SKILLS

Languages:

- Proficient: C/C++, CUDA and Python
- Familiar: Matlab, Java, Bash, Javascript, Ruby and Haskell

Libraries:

- Proficient: Point Cloud Library, OpenCV, OpenMPI and OpenMP
- Familiar: Eigen, libfreenect, OpenNI.

Operating Systems:

- Proficient: Debian and CentosOS.
- Familiar: Solaris 10, FreeBSD and Windows.

Frameworks and Software:

- Familiar: Django, Android, Maya, After Effects, OpenLDAP, BIND (DNS), NFS, Postfix, CUPS, NTP, Apache, PostgreSQL, Oracle and MySQL.

LANGUAGES

- Spanish (Mother tongue)
- English (Professional working proficiency)
- German (Elementary proficiency)

**EXTRA-
CURRICULAR
ACTIVITIES**

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