



Carlos Alberto Serrada Granado

20 years old. Computer Engineering student at Universidad Simón Bolívar in Venezuela.

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Studies

09/13 - Present

Universidad Simón Bolívar

Attending the 4th year of the 5 that compose the career of Computer Engineering. GPA 3.6829 (on a 1.0000 - 5.0000 scale). Expected graduation date: 2019.

Personal and academic projects

08/16 - Present

CEIC Suite – Sales and book lending management system for the CEIC

Desktop Developer. Project leader.

01/17 – 03/17

Apolo – Activity management system for the USB volunteer fire department

Web Developer. Project leader.

01/17 – 03/17

Sigpae – Management system of analytics programs of study

Web Developer.

01/17 – 03/17

Retyna – Interpreter implemented in Ruby for Retina language

Web Developer.

Work experience

06/17 - Present

URIJI JAMI – Social network focused on the experiences and goals of the people

Web Developer. Design, development and administration of the WebApp.

07/16 - Present

CEIC – Computer Engineering Students Center of the Universidad Simón Bolívar

Information and Technology Coordinator. Projects leader. Event planner. Community Manager.

05/17 – 08/17

Guikifix – Platform to facilitate the search of professionals for construction works

Web Developer. Front-end development leader. Partial development of the WebApp.

03/17 – 07/17

INEATugs – System of management and control of activities for INEA

Web Developer. Development of the WebApp in its entirety.

Technical skills

Programming Languages

- Preferred language: Python (more than 3 years of experience).
- Advanced mastery: C/C++, JAVA, Ruby and JavaScript.
- Moderate mastery: TypeScript, MATLAB, SQL, Bash, NXC and R for science.
- Familiar with Assembler and the instructions set of MIPS32.

Web Development

- A lot of experience in layout with HTML5, CSS3, SASS, AJAX, jQuery and Bootstrap.
- Strong knowledge and experience in the development of WebApps in AngularJS, Django and WEB2PY.
- Moderate experience working with Angular and Ruby on Rails.
- Experience with NPM, Gulp, Grunt, Babel among other technologies to ends.

Desktop Development

- Advanced mastery of the Qt4 framework, Qt Creator, Qt Designer and the PyQt4 library.

Tools

- Advanced management of Git repositories and experience working with GitHub, Bitbucket and GitLab.
- Handling text editors like Sublime Text, Visual Studio Code and Atom.
- Good experience with GIMP and Inkscape for creating and editing images.
- Familiar with AWS, SmartGit, Android Studio, DBVisualizer, StarUML, Eclipse, Microsoft Office and LibreOffice.

DBMS

- Good experience working with PostgreSQL and SQLAlchemy.

Operating Systems

- Preferred OS to work: Ubuntu.
- Extensive experience working on GNU/Linux distributions, Microsoft Windows, MacOS and Android.

Highlight activities

- Participation in the creation of a LEGO robot following the specifications for the SEK category of the IEEE Latin American competition of robotics for the student 2015-2016. Project coordinated by the Artificial Intelligence Group of the Universidad Simón Bolívar.
- Competed in the local programming competition to classify to ACM-ICPC SA-North Regionals in 2015.