

+595 961 47 19 47
garyservin@gmail.com

Date of birth: October 12th, 1988
Nationality: Paraguayan
San Carlos 956, Asunción, Paraguay

Gary Stephen Servín Cardozo

Summary

I'm an electronics engineer working on different areas related to Robotics and programming. I love building robots, contributing to open source projects and sharing knowledge.

- <https://www.openhub.net/accounts/garyservin>
- <https://github.com/garyservin>

Education

2007 - 2013

Bachelor of Science (B.Sc.), Electronics Engineering, Emphasis Mechatronics - National University of Asunción, Asunción, Paraguay.

Thesis: *Mobile Robotic Platform based on the inverted pendulum principle.*

Professional Experience

February 2014 - Present

Software Engineer - Robotics - Ekumen (<http://www.ekumenlabs.com>): Software development company.

- Software Testing Infrastructure for Continuous Integration of Autonomy Software
- Development of autonomous multirotor navigation software using ROS.
- Porting ROS to Android devices.

March 2014 - July 2014

Graduated Teaching Assistant - Electricity and Electronics Department, Polytechnic Faculty - National University of Asunción.

April 2012 - January 2014

Software Engineer - Engineering and IP Services Department, Copaco S.A. (<http://www.copaco.com.py>): Internet Service Provider.

September 2011 - July 2013

Teaching Assistant Engineering Faculty - National University of Asunción.

Open source contributions and talks

November 2013 - Present

Creator, Hardware Engineer - Robot Didáctico Inalámbrico (RoDI).
<http://rodibot.com/>

June 2016

Expositor - Pyday 2016 Caacupe.

Talk: Educational Robotics with RoDI

<http://pyday.ctscaacupe.com/>

October 2015

Expositor - ROSCon 2015 Hamburg.

Talk: ROS Android NDK, What? Why? How?

http://www.osrfoundation.org/gary-servin-ekumen-ros-android_ndk-what-why-how/

July 2015

Expositor, organizer - Robotics PY 2015.

Talk: Robot Operating System

April 2015

Expositor - Robotics day.

Talk: Robótica y Educación

<http://www.roboticsday.org/speaker/gary-servin/>

March 2015

Expositor - Pyday 2015 Asuncion.

Talk: Robots & Python

<http://pyday.pythonpy.org/>

October 2014 - Present

Contributor - Robot Operating System

Maintainer of the ROS Serial Mbed and the ROS Android NDK packages.

http://wiki.ros.org/roserial_mbed

November 2013 - January 2014

Mentor - Sugar Lab.

Mentor for the Google Code In Competition.

http://wiki.sugarlabs.org/go/Google_Code_In_2013

September 2012 - Present

Coordinator - Robotics Club FPUNA.

In charge of the coordination of activities of the Robotics Club of the Polytechnic Faculty of the National University of Asunción.

Publications in Journals and Conferences

- [1] G. Servín, L. Sandoval. *Prototipo de un Transportador Personal con Sistema de Balance Automático*, XIX Jornadas de Jóvenes Investigadores Asociación de Universidades del Grupo Montevideo, Oct 25-27, 2011, Paraguay. ISBN:978-99967-637-0-0
- [2] Cardozo, G.S.S. and Vera, L.M.S. . *Creation of a robotics club in the Universidad Nacional de Asunción based on the experience of horizontal learning in the University of Buenos Aires*. Engineering Applications (WEA), 2012 Workshop on. May, 2012, Bogotá, Colombia. ISBN:978-1-4673-0871-7
- [3] Cardozo, G.S.S. and Vera, L.M.S. . *Prototype for a Self-Balanced Personal Transporter*. Engineering Applications (WEA), 2012 Workshop on. May, 2012, Bogotá, Colombia. ISBN:978-1-4673-0871-7
- [4] Gary Servín, Luis Sandoval. *Plataforma robótica móvil para prácticas basada en el principio del péndulo invertido*. 4th Workshop of Robotics in Education (WRE 2013). October, 2013, Arequipa, Peru. ISBN:978-85-7669-284-3