



# PROFILE OF SEIC GRADUATE



(Space Engineering International Course)

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1. *Your photo*



2. *Your passport name -- just for the record.*

Rafael Armando Rodríguez León

3. *The full name you wish us to use in the website.*

Rafael Rodríguez León

4. *Your email address that we can use in the website (e.g., Gmail address).*

rafarodleon@gmail.com

5. *Your country, and city of residence -- for website.*

Colombia, Bogotá

6. *Where you received your bachelor's degree, and when.*

Universidad Distrital Francisco José de Caldas; Bogotá, Colombia – December 2010

7. *Where and when for degrees higher than the bachelor level (before coming here)*

No higher degrees

8. *If you are a PNST Fellow, where/how did you find out about PNST?*

I was working for Sequoia Space, a Colombian space company dedicated to develop CubeSat mission and parts. Dr. Werner Balogh from UNOOSA kindly invited the company to participate in the symposium “Small Satellite Programmes for Sustainable Development” in 2011 and my bosses got all the information about PNST there.

9. *What attracted you to SEIC in the first place?*

In Colombia there are not space programmes for study space related topics at university. After I started to work in space technologies at my country I wanted to start my master degree about that, then, SEIC course was the best opportunity for me to do that.

10. *What are the strengths of SEIC?*

It is international course, then is a great opportunity to meet people to discuss and learn about the space technologies challenges, difficulties and plans in different countries around the world. It gives a good opportunity to make a network with the possibility to make space projects in cooperation with different countries with similar constraints and challenges.

The SEIC is a PBL (Project Based Learning) course. Practically all students have the opportunity to join to space project to apply in practice the knowledge acquired in classes.

Kyutech has excellent laboratory facilities to develop research about space environment. It gives to the students great tools to make novel developments in nano-satellites.

11. *What did you enjoy about studying in Japan?*

Studying in Japan is very enjoyable, the culture is very different and I learned different valuable thing for my professional and personal life. Every time I found people ready to help me kindly if I had some trouble.

12. *You are about to graduate with what degree? - Masters, Phd, or pending.*

Master degree

13. *What is the title of your graduation thesis?*

Development of on-board computer integrated system with smart processor and FPGA for nano-satellites.

14. *Please list the conferences that you attended while at Kyutech. (name, dates, and location).*

- The 2nd UNISEC-Global Meeting; Kitakyushu, Japan; November 2014.
- The 3rd UNISEC-Global Meeting; Tokyo, Japan; July 2015
- Space Environment Symposium; Kitakyushu, Japan; November 2015

15. *When did your study at Kyutech start (month and year)?*

October - 2014

16. *On what date (day month year) do you leave Japan? (Ignore this question if your studies do not end in 2016.)*

I am going to continue my studies here