

August 17, 2023

Hej,

I am writing to express my interest in the position of Electronics Engineer - Payloads & Flight Systems at SSC. I have more than 4 years of experience conducting research in topics related to cyber security and smart grids. Currently I would like to transition from the academia to the industry, and it would be a privilege to join SSC and help advancing the space industry.

I have degrees in both Electronic Engineering and Computer Science and have developed competencies in these fields (beyond coursework) through research projects. I also have experience with embedded systems, FPGA development, and μ -processor programming. While my coding background is primarily on Python, I am eager to learn new programming languages and other technologies to broaden my technical skill set.

So far in my career I have conducted research mainly in cyber security and electrical engineering. This has been a rewarding experience, because each problem is different, and this creates an opportunity to learn new tools. I believe that my diverse background and my experience formulating and executing research projects is relevant for this position.

I have been always fascinated with the aerospace industry, because it inspires impressive scientific and engineering achievements. For this reason, joining SSC would be like a dream, but also, a unique opportunity to rediscover my passion for electronic design.

In closing, I believe that this position would be an excellent fit for my background and I am confident that you can find my skills, knowledge, and motivation to learn valuable. I am looking forward to hearing from you.

Sincerely,

Carlos Barreto
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