

Spire

March 9, 2020

33 RUE SAINTE ZITHE, L-2763 LUXEMBOURG

Application for 'Scientific Programmer' Position

Dear Spire recruiter,

I am an experienced academic researcher and I am now looking for new horizons in the productive sector. For this reason, it is my pleasure to contact you in order to enquire about the recent opening for a 'Scientific Programmer' position.

I obtained a PhD in Physics at the University of Buenos Aires in 2017, during which I focused on basic theoretical aspects of quantum and statistical physics, while I also explored more general interests by taking courses on neuroscience, artificial intelligence, and synthetic biology. In recent years I turned to a more applied line of research related to the energetics of electronic circuits and new information processing paradigms like probabilistic computing. I also had ample experience working in research labs, designing electronic circuits, and developing software.

As part of my academic career, I had the opportunity to work in several countries and institutions, which allowed me to develop valuable skills related to team-working, teaching, and effective communication of scientific results. I am now holding a research position at the University of Luxembourg. However, I would like to transition from the academic to the productive/technological sector. I am eager to apply my knowledge and skills to technological or scientific problems with a direct impact on society.

For the above reasons, I find Spire as an ideal place to develop my new career path. I feel attracted by the ambitious goals of the company as well as the many interesting technological challenges that ensue. As a highly motivated and independent person, I believe that Spire might provide the kind of dynamic and enriching environment in which I could develop my full potential.

Finally, I hope that a profile like mine would be of interest to Spire, and I look forward to your feedback. I am confident I could contribute to diverse tasks like software development, mathematical modeling, data analysis and AI. I can be contacted at any time at the email and phone number provided above.

Sincerely,

Jose Nahuel Freitas