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Subject: Application to Engineering manager at Qonto

Date: 21 décembre 2022

Dear Sir,

I heard about the Qonto company via the FrenchTech platform and write you today to be part of your teams.

I'm interested in Banking / Finance as an amateur since a few years as well as the entrepreneurship and would like to evolve in close touch with experienced leaders. During my year in the United States, I attempted to conferences and meetings with startup leaders and entrepreneurs who motivated me get involved in FinTech environment. I particularly appreciate the values of the company : Ambition that I applied in my education to never restrict the opportunities, Teamwork that I used to settle up when I was in the US (please read the &You section of the application for further details) and Mastery, Integrity ad the Qonto Way which are at the root of science and mature progress.

As Qonto is offering a new perspective of online banking and carrying healthy mindset, I want to be part of this adventure. Motivation, rigor and force of proposal are part of my personality which makes match the company's criteria.

Looking forward to reading from you.

Best regards,

Antoine Herrmann

What makes you stand out for this job offer? Provide detail and example(s) in a professional context

As a Research Assistant at the University of South Florida, I was in charge of a team of 3 undergraduate students and 5 Teacher Assistants : 1 theorist, 3 computational, 1 engineer. The level of the group in physics and computing was heterogeneous. My role was to help them well understand the problem, define a accurate way to address it, unlock the situation at breaking points by reviewing the calculations, debugging the codes and control the results by putting the equations in pathological cases (singularities and boundary conditions) and evaluate the simulations results in already-known cases taken from the literature and analytically-solved study cases.

This experience taught me how to manage a team, how to make people confident and improve themselves.

The most interesting point was in cases when I didn't know the answer to a problem or a bug and I had to look for it and ask external collaborators such as colleagues from other research groups or PIs to give me resources to fix it.

What is the most exciting professional achievement you've accomplished over the last 12 months, and why? What could you have done in a better way?

My most exciting achievement was the presentation of the final results at the APS meeting with Dr.Sabir after one year of work. Being invited to this kind of meetings is an acknowledgment of the quality of the work and the relevance of the result for future research.

It could have been improved by building up a collaboration with experimental groups in order to check up the results in the lab and show the feasibility of the experiment, show the limitations and open the way to industrial applications.