Paul **Spicher**

MSc HEALTH DATA SCIENCE · B.A. HSG

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Application: Partnerships Intern

Dear Sir or Madam,

Why this position?

After my MSc Health Data Science, I first wanted to deepen my technical ML competencies as well as my knowledge of drug discovery processes by working on a GRL project in a research institute. Now I want to move to a position that allows me to expand my perspectives and reconnect with my business background.

It is important for me to be at the interface between business, ML and healthcare. The ideal position would involve a combination of data analysis, research & industry monitoring, stakeholders relations and corporate strategy, but I am eager to adapt to any other tasks. It is also essential for me to have ambitious and clearly determined goals towards which I direct my daily effort.

Why me?

At the broadest level, I am passionate about transforming technological innovations into real-world applications with significant impact. In particular, I am convinced that machine learning has the potential to bring great progress in the healthcare and pharmaceutical industry.

During the last few years, I had the opportunity to work on several applied data science projects, especially in the biomedical field. In particular, I have implemented ML algorithms in a hospital setting and more recently in a bioinformatics research environment. These experiences happened to be fantastic opportunities to deepen my understanding of healthcare and life science and to apply my academic knowledge in data science, BA and economics to concrete issues, notably in hospital management or drug discovery processes. I also got familiar with all stages of the ML life cycle, from creating pipelines for data extraction to modeling and validation.

I am comfortable working in teams with collaborators of various profiles. In my previous experiences, I particularly enjoyed working with clinicians or laboratory researchers (biologists, chemists, …) to understand and meet their precise needs and I can communicate easily with people having an IT or business background. In general, I am a quick learner and love getting familiar with new areas.

I am extremely motivated by unsolved problems and take great pleasure in inventing innovative solutions by combining my background knowledge with what I can quickly learn from people working close to the application. While I consider the skills and insights of others to be essential to the success of a project, I am also keen to take on a subset of tasks and complete them in full autonomy.

Considering my academic background, my applied experience and my interests, I think to be at a good point to embrace the opportunity of joining Owkin and contributing to the future of personalized health.

I hope that you will find interest in my application and I look forward to your feedback,

Paul Spicher