

COVER LETTER

David Parker

INTRODUCTION

Thank you for taking the time to read through this Cover Letter. I am applying to you because I see an opportunity to apply myself and create mutual benefit. You will gain a partner who actively seeks to immerse himself in company culture and create benefits, and I will gain new challenges and an interesting new working environment.

PASSION FOR BIG DATA

I have a great deal of passion and interest in the field of data science and data engineering. In 2016 during my 3rd year of studies I observed that big data, machine learning, and artificial intelligence are the tools most needed in the near future. The capabilities of these tools excited me, I expected that the field would grow rapidly and that data would become the oil of the digital age. In 2015 I competed in a student cluster building competition (and mentored a team in 2018). I was employed in 2019 by a bank in a team that leveraged big data and machine learning to detect and prevent fraud in real-time. I have moved from building clusters to not just building but also designing data pipelines. I believe my diverse knowledge of the ecosystem, combined with my understanding of computing right down to the fundamentals offer great benefits when creating new systems.

A LOVE FOR KNOWLEDGE

The I am excited to learn and apply new skills, tools, and paradigms. It is equally exciting for me to share the knowledge I have acquired with my team. I have experience with skill transfer through tutoring, my role as a mentor in the graduate program for my current company, and through collaboration in general. I believe in trying to explain complex concepts simply, to both transfer skill and to provide clear information to business level parties

CAREER GOALS

The short term I aim to integrate into my new working environment and understand all the elements that are in use. This would be best gained through experience while working on a variety of projects, as skills are best learned when there is a direct need.

In the medium term, I aim to transition into a space where I can get involved in the creative process of design and architecture.

Long term I would take the skills I have and move into a leadership position, orchestrating teams of engineers to effectively build systems that create maximum business value.

CONCLUSION

I would bring an analytical mindset with a drive for doing things in such a way that they are easy to understand for my colleagues, simple to explain to business, and built using enterprise grade methods. I will share knowledge and get the job done to a high standard in the process.