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.

A PASSION FOR 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 likely to be critical tools for the future. The capabilities of these tools excited me. I expected that the field would grow rapidly, with data becoming the oil of the digital era. In 2015 I competed in a student high performance cluster building competition, in 2018 I became involved again as a mentor. In 2019 I started work at a bank in a team that used big data and machine learning to detect and prevent fraud in real-time, by the end of my tenure I was designing full machine learning pipelines. I moved into AWS as a Cloud Support Engineer II, this move was to challenge myself and increase my exposure to various data systems and designs. Over my career, I have gained experience ranging from building clusters to designing data pipelines, to troubleshooting existing ones. I believe my diverse knowledge of the ecosystem, combined with my understanding of computing down to the fundamentals will offer great benefit to any team looking to utilize their data to the fullest. I spend many a day imagining how data could better be used to improve the lives of customers and society.

A LOVE FOR KNOWLEDGE

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 at the bank, and through actively looking for collaboration in general day to day work. I believe in trying to explain complex concepts simply, to both transfer skill and to provide clear information to non-technical stakeholders.

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 bring an analytical mindset with a drive for communicating and operating as clearly and concisely as possible. I aim to gain and share knowledge and maintain excellence in everything I touch in the process.