Dear Sir or Madam,

I am writing to apply for the “Data Scientist” position at Virtual Instruments. The advertised position is strongly related to my research background in machine learning, experience in data mining as well as my personal interests and skillset.

I received my PhD (December 2012) in computer science at West Virginia University in Morgantown/USA. My previous educational background includes BSc and MS degrees in computer engineering from Bogazici University in Istanbul, which is known to have the most competitive computer-engineering department in Turkey. Currently I am available to start working by the beginning of February 2013.

My past internships at large software companies like Microsoft Research-Redmond/USA enabled me to observe and contribute to the investigation of global software engineering research activity that aims to make software development activities more effective and efficient. In the past I also had different project experiences (both as a team leader and as a team member) with companies operating in various domains (GSM, banking, logistics). These projects helped me to understand the value of data science with a measurable business value. During the internships and projects that I have participated, I was able to demonstrate my ability to derive stakeholder-focused data analysis from incomplete data using various machine learning and statistical methods.

I highly value the importance of participating in technical conferences and collaborating with academia towards conference and journal publications to promote Virtual Instruments’ leadership in data analysis practices. I have a strong technical research background in software engineering as well as in data mining, which includes coding up statistics and machine-learning algorithms to derive descriptive and predictive knowledge from different types and sizes of data. I believe my published work in top quality journals and conferences show that I have strong written skills and I am fully able to conduct research independently in an organized manner.

Given the opportunity, I am confident that I can be a productive member of your team at Virtual Instruments. Please find detailed information on my education and experience in my CV.

Thank you very much for your consideration.

Yours Sincerely,

Ekrem Kocaguneli, PhD