

Dear Sir or Madam,

I am writing to apply for the Principal Scientist position in ABB (Pub. ID: US52423527_E1). I believe that I am a good fit for the advertised position, as it is strongly related to my research background, working experience as well as my personal interests and skillset.

I am currently a PhD candidate (expected graduation in early 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.

My previous working and research experience enabled me to initiate, participate in and drive applied research in global software companies operating in multiple domains. My past internships at large software companies like Microsoft Research-Redmond/USA provided me the opportunity to gain a broad perspective of software development and to get familiar with the analysis of big data sources. In the past I also had different project experiences (both as a team leader and as a team member) with companies operating in different domains (GSM, banking, logistics). These projects required me to quickly acquire in-depth knowledge of different technologies as well as different application domains. During the internships and projects that I have participated in, I was able to demonstrate my ability to derive business-unit-focused analysis from incomplete data and generate various milestone presentations. On various occasions, the attendees of my presentations praised my verbal skills and ability to convey complex concepts in a simple manner.

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 actionable results 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. I believe that I can also leverage the responsibilities of the advertised position (e.g. consulting engagements with ABB's business units), through scientific publications to demonstrate and improve ABB's leadership in applied research.

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

Thank you very much for your consideration.

Yours Sincerely,

Ekrem Kocaguneli
PhD Candidate
West Virginia University