Xi He | Ph.D. Candidate

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Company Recruitment team   February 12, 2016

Siemens Corporate Research.

720 College Rd. E

Princeton

Dear Dr. Akrotirianakis

I am writing to express my interest in the Predictive Analytics and Monitoring internship at the Siemens Corporate Research during this summer. I'm currently a second year Ph.D. students in Industrial and System Engineering from Lehigh University, and I obtained my MS/BS degree both major in Mathematics before. I am confident that my strong mathematic background and two years optimization research experience would allow me to contribute your productive group, as well as explode my career of real-world application with my passion.

Previously, I have had the opportunity to work on several relevant projects that would provide me with the skill sets I need to be an qualified researcher. These projects have included: explore negative curvature of deep learning network to boost its performance, develop well-optimized C++ software package for image recovery, and implemented Matlab software package to compare various of classifier technologies.

I would be excited to join the Predictive Analytics and Monitoring group. The group has exceptional appeal for me because of the relevant research topics (e.g. optimization, machine learning) and opportunities (e.g., real-world industrial challenge). To be one member of your group, I would relish the opportunity to leverage my past experiences for this worthy situation, and learn from the experiences of my fellow group members.

Thank you in advance for your time and consideration. I look forward to the opportunity to speak with you and discuss the position in more detail.

Yours faithfully,

Xi He