

To whom it may concern,

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My name is Dan DeCapria and I am a practicing Senior Business Intelligence Specialist. I am a graduate student of the Information Systems Management program at the Carnegie Mellon University's Heinz College, with a concentration in Business Intelligence. Originally from Pittsburgh PA, I graduated from Carnegie Mellon in 2007 with a B.S. in Mathematics and B.S. in Physics. I worked for a local Department of Defense subcontractor for a few years after college, researching and optimizing novel Improvised Explosive Devices (IED) threat detection systems, before re-entering academic life with the ISM program in 2010.

After completing the Information Systems Management program, I went to work for a Pittsburgh startup CivicScience, Inc. as a Senior Business Intelligence Specialist working in their algorithms and research division. My primary responsibilities included leveraging cutting-edge data mining and machine learning practices and frameworks with applied business methods; blending big data analytics, management, strategy, marketing, and information systems into efficient, positive ROI, monetizable, computing project deliverables. I will apply my data mining, business intelligence, and database management skills through innovative software development at a leading institution.

I want to work on challenging problems, which have a positive impact on the world. I adhere to the Gene Roddenberry approach to life; attempting to better myself, my team, my community and society as a whole through application. In big data, there exists an opportunity to drive business decisions from a vast and complex system of system interactions. My concentration of business intelligence in academia and as a research and development scientist leverages a fundamental problem solving methodology and best-practices against soft classifiers in data for the benefit of maximizing potential and return on investment.

Thank you for taking the time to get to know me, I look forward to hearing from you in the future.

Dan DeCapria

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