



January 6, 2014

To the NSF Review Panel:

I am writing to share my enthusiastic commitment to collaborate with Jeffrey Heer on his NSF proposal entitled "Interactive Machine Learning for Text Analysis".

I am an Intel Fellow and Director of the Immersive Computing Lab at Intel Corporation. I have led the architecture development of several of Intel's highly visible products. I was the founder and creator of the Intel Xeon Phi Product Family that is on track to produce \$1B of revenue for Intel. It is my job to have intimate knowledge of the current state of the art in research that will drive future experiences. I consider Heer's work to be consistently among the best in the field.

In my current role, I am leading a group of world-class researchers that are reinventing computing, including the experiences that envelope the technology. My group has been conducting research in the area of text and speech analysis for several years. We have prototyped systems that provide deep and rich connections between people using written communication. Our systems are very complex and need to grow, understand and enrich people's lives. We are very excited about the opportunity to collaborate with Heer on the Text Analysis proposal. We will use this system to drive broader understanding of human personality and traits in our system.

We have enjoyed our experience working with Heer and his group. They have been enthusiastic research partners, improving the quality of our research. We have been very impressed by the amazing research that Heer's group has produced.

I firmly believe that work resulting from this proposal will have a significant influence on the future of machine based text learning and be a huge benefit for my team at Intel. Please approve Heer's proposal with due haste!

Sincerely,

A handwritten signature in black ink, appearing to read "Douglas Carmean", with a long horizontal flourish extending to the right.

Douglas Carmean
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