

## NAM WOOK KIM · COVER LETTER

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### **Boston College**

Computer Science Department  
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Chestnut Hill, MA 02467

Dear Faculty Search Committee Members,

I am a researcher in visualization within the broad context of human-computer interaction. I am applying for the position of assistant professor in the area of **human-computer interaction**.

I am completing my Ph.D. in Computer Science at Harvard where I work with Profs. Hanspeter Pfister and Krzysztof Gajos. I also conducted research with Nathalie Henry Riche at Microsoft Research and at Adobe Research with Zhicheng Liu. In recognition of my academic work, I received a rising star award from the Kantar Information is Beautiful Awards and was recently named as one of Siebel Scholars.

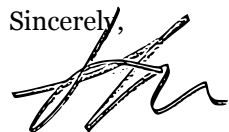
My research vision is to democratize data by lowering the barriers for a general audience in understanding and communicating complex data. I combine theories and methods from perception & cognition, visualization, and human-computer interaction to design effective interactions between humans and data. The systems I have built contribute novel ways to create graphics and stories driven by data, as well as to conduct large-scale studies to understand visual cognition and communication. I publish at top venues such as CHI, UIST, CSCW, and VIS.

As an educator, I have served various roles such as a lecturer, facilitator, and mentor. Leveraging this experience, I am interested in teaching courses on visualization and human-computer interaction, and also developing new courses such as interactive data science and data-driven applications. I am eager to design my courses to be project-oriented and available for diverse students across disciplines including not only computer science but also business, arts, and humanities.

**Boston College** offers an exceptional academic environment where I can contribute to existing research and education efforts on data-centric computing. My research can be complementary to Profs. Alvarez and Prud'hommeaux (e.g., developing human-in-the-loop data analytics) and Bento (e.g., adding visual interpretability to deep learning models). I am also keen to collaborate with the Schiller Institute for Integrated Science and Society in which I can contribute to science communication, as well as courses on design thinking across disciplines and data visualization in arts and science.

Thank you for your consideration, and please contact me if I can provide any additional materials that might help the committee evaluate my qualifications.

Sincerely,



Nam Wook Kim