MARK HANCOCK

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December 1, 2009

Dr. Venkataramanan Balakrishnan

School of Electrical and Computer Engineering

Purdue University

Electrical Engineering Building

465 Northwestern Ave.

West Lafayette, Indiana 47907-2035

Dear Professor:

I am submitting my application for a tenure-track assistant professor position in human-centered computing at the School of Electrical and Computer Engineering. I will be defending my PhD thesis in early 2010, supervised by Sheelagh Carpendale in the Interactions Lab at the University of Calgary. I have enjoyed working in an environment that combines human-computer interaction, information visualization, and human-robot interaction into one lab and look forward to the opportunity to work in a similarly rich and diverse environment at Purdue University.

I think that my interests in human-computer interaction and my particular focus on the design of interaction techniques for 3D manipulation on tabletop displays are particularly suited to the available position. My research focus would present a nice balance between the visualization and perceptualization work by Dr. Niklas Elmqvist and Dr. David S. Ebert and the haptic interface research by Dr. Hong Z. Tan. I am particularly excited at the prospect of pursuing research that benefits from novel haptic interfaces that can be used to explore 3D visualizations on tabletop or other large displays.

I would enjoy teaching courses in human-computer interaction, computer graphics, and computer programming. I would also be interested in teaching a new specialized graduate course on surface computing.

Thank you for considering me for this position, and please contact me if you require additional information. My application materials are also available online: http://markhancock.ca/purdue

Sincerely,

Mark Hancock