



DEPARTMENT OF COMPUTER SCIENCES  
THE UNIVERSITY OF TEXAS AT AUSTIN

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January 12, 2007

Dear Faculty Recruiting Committee Chair,

I am applying for the tenure track assistant professor position you advertised. I am a doctoral candidate completing a computer science PhD, under the direction of Prof. Risto Miikkulainen in the Department of Computer Sciences at the University of Texas at Austin, and Dr. James Bednar in the School of Informatics at the University of Edinburgh, Scotland.

My research focuses on understanding the human visual system as a computational process. I have developed neural network models that show how the low-level human visual system can process and use colors available in the world. There are two goals of this interdisciplinary research: to increase our understanding of the brain, and to provide a foundation for building better artificial vision systems.

I have worked in a number of computer science teaching positions. I am currently in charge of developing and teaching an undergraduate programming language course. In addition, I have five years experience at developing course materials, leading discussion classes, grading, and giving feedback and advice for courses ranging in topics from knowledge based systems to graduate-level distributed computing.

My vita, list of references, research and teaching statements, and publications are enclosed.

I would be very interested in scheduling an interview, as I feel you have a strong department in which I could make a significant contribution as a faculty member. I look forward to hearing from you.

Yours sincerely,

Judah B. De Paula