

December 14, 2022

RE: Tenure Track Assistant Professor of Computer Science

Dear Members of the Search Committee,

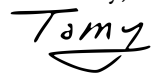
I am writing to apply for the tenure-track assistant professor position in Computer Science & Engineering. I am currently a tenure-track faculty with the New Jersey Institute of Technology (NJIT), a position which I assumed at January 2020. Before that, I finished my PhD in computer science at the Graphics and Vision Lab at UCLA, advised by scientific academy award winner Prof. Terzopoulos. I am applying to this opportunity due to my interest in working in a leading research institution. I also have a interest in being closer to my wife and family who reside at Rhode Island.

My research focuses on gaming and machine learning, with the mission of closing the gap between virtual and physical environments. My lab has published work in scene understanding, *computer vision*, and computational algorithms for motion simulation. I received the ACM SIGGRAPH Motion in Games **Best Paper Award**, and was a finalist presenter of my doctoral dissertation at both ACM SIGGRAPH conferences.

In teaching, I have developed: programming for computer graphics, and artificial intelligence for artificial worlds, both of which introduce students to interactive visualization algorithms, and machine learning techniques. Other classes include software engineering, and information design techniques. I am also interested in developing additional advanced classes, around my research strengths in computer vision and multi-agent motion.

Lastly, I would like to thank the search committee for their time and consideration reviewing my application. I would appreciate if the committee can keep my application *confidential* due to my current role. I am happy to provide any additional information or resources that you might require.

Sincerely,



Tomer Weiss, Ph.D.
Assistant Professor,
Department of Informatics
New Jersey Institute of Technology