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Aspects of the analysis of cell imagery: from shape to understanding

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Curriculum Vitae

Chen Li was born in Shandong, China, in 1992. In 2011, she began her bachelor's studies in Information Engineering at Ludong University, located near the east coast of Shandong province, China. In 2015, Chen pursued a master's degree in computer science at China Agricultural University in Beijing, China. During her three-year master's program, she focused on data prediction models and developed an interest in computer vision and image processing. She earned her master's degree in 2018. Aligned with her research interests in computer vision, Chen joined the Computational Bio-imaging group at Leiden University, supervised by Prof. Dr. Ir. Fons J. Verbeek. Her four-year study, supported by the Chinese Scholarship Council (CSC), involved cell image analysis in both 2D and 3D domains, as well as time-lapse data analysis. She completed projects in collaboration with Naturalis and the Institute of Biology (IBL) of Leiden University.

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On 3rd September 2018, my flight arrived at Schipol Airport, in the Netherlands. The journey of my Ph.D. study at Leiden University started. Time flies. Five and a half years have passed since I was here. During this period, I experienced challenges with aspects of language, culture, research, etc. It was sometimes frustrating, however, it was full of excitement and joy in most cases. For me, conquering difficulties, or sharing my achievements, would not have been possible without the support and guidance from my supervisors, friends, colleagues, and family members. Thus, I would like to express my appreciation to them.

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Dr. Erwin van Soest, who holds a doctoral degree in computer science and two master's degrees in computer science and astronomy, has been the smartest and nicest roommate I could wish for. From him, I have learned many aspects of physics, astronomy, history, and more. He made me realize that there are people in this world with vast amounts of knowledge. Moreover, as a Dutch native, he has greatly assisted me in living in the Netherlands. I cannot count how many Dutch letters he helped me read, how many times he accompanied me to hospitals, repair shops, and other places, and how often he helped communicate with people from city hall, the GP, NS company, and others via phone calls. Thanks to his warm help, my

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Chen Li

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