ACKNOWLEDGEMENTS

It's a sign of mediocrity when you demonstrate gratitude with moderation. Roberto Benigni

My graduate school experience was about intensive learning not only in the field of computer science but also in many other aspects of life, and now I'm a different (hopefully wiser and more mature) person as a result of this experience. As is the case with any large endeavor, many people have contributed to the success of this dissertation.

First of all, I would like to thank my family for their support, encouragement, and unshakable faith in my abilities during the course of my studies. Without their support, inspired by tradition and the belief of the European intelligentsia that nothing is more valuable and important than education, I may not have persevered in my studies.

Regular telephone conversations with my mother saved me a fortune in psychotherapy costs. Whenever I felt dejected or doubtful due to diverse factors such as making slower than expected progress in my research, learning that one of my papers was rejected, having no personal or social life whatsoever, or imagining the life I could have had, had I chosen to continue my professional career in the "real world," my mother would assure me that pursuing a Ph.D. was the right thing to do and that the pleasures of normal life could wait. My family has exhibited such incomprehensible pride about my pursuing a doctorate degree that I have always felt like I had no choice but to carry on and successfully complete my studies.

I would like to thank my advisor Yannis Smaragdakis and all the members of my committee: Mary Jean Harrold, Doug Lea, Santosh Pande, and Karsten Schwan.

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Meeting my advisor Yannis Smaragdakis solidified my intent to pursue academic research training. He gave me the opportunity to work on problems that I found exciting and gently guided me through the challenges of mastering the intricacies of the research trade. His explanation that the only worthy reason for getting a Ph.D. is to become a "fully trained Jedi Knight" seemed just barely convincing five years ago, but it makes perfect sense to me now. His knowing exactly when a hands-on or hands-off management approach was most appropriate helped me immensely in my development as a researcher. His pointing out the differences between analytic and synthetic abilities and his advice that I work on improving the former helped me focus my efforts and achieve maximum benefits. Yannis has never failed to amaze me with the depth of his analysis and insight, and I can only hope that I'd be as effective an advisor for my future students as Yannis was for me.

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