I would like to express my very great appreciation to my supervisor Professor Ralph Deters. Under his supervision, I have gained great skills in the past two years. The past two years was a wonderful and memorable journey of my life. Under Professor Ralph Deters’s guide, I not only achieved marks in academic but also increase skills in programming.

I would also like to extend my thanks to all colleagues in MADMAC lab. Their support helped me to work through the tough time at the first year and granted me confidence to overcome problems.

At last, I want to thank the support of my parents and family members. Without their support, I can not study and work smoothly in the past two years.