

Vita

Yahong Gu was born on November 27, 1973 in Anshan, Liaoning Province, China. He graduated with a Bachelor of Science in Civil Engineering and a Master of Science in Structure Engineering from Dalian University of Technology, Dalian, China in 1996 and 1999 respectively. He started his work towards his Master's Degree in Computer Science at Virginia Polytechnic Institute and State University in the spring of 2001. After he completed it in December 2002, he started working on his another Master's Degree at Transportation at Virginia Polytechnic Institute and State University in the spring of 2003. This thesis completes his M.S. degree in Transportation from Virginia Tech.