

## VITA

### **Sasikul Kangwalklai**

Sasikul Kangwalklai was born in New York, New York on December 23, 1973 but raised in Bangkok, Thailand. She graduated from Mater Dei School in 1992, and was admitted into the Chulalongkorn University, Thailand in May 1992 when she also graduated with honor from the Trinity College of Music, London (International Examinations Board). She was a president of Women Student Committee, Faculty of Engineering in the University, and also a manager for her Faculty-Rugby team. She developed a linear-optimization software for minimizing set up times in a complex sequence of plastic molding machines as a part of her final project. She graduated with a Bachelor of Engineering in Industrial Engineering in April 1996. In July 1996, she worked full time with the Petroleum Authority of Thailand (PTT), Bangkok, Thailand as a Quality and Safety Engineer while she also worked part time as a piano teacher and a pianist. She planned and implemented PTT's policy of improving its productivity and quality including ISO 9000, ISO 14000, Loss Control Management, QC, TPM, 5S and Health Control. She was the youngest auditor who audited and wrote procedures for ISO 9000 standard in PTT and helped PTT to be the first LPG terminal in Thailand, which received an ISO 9002 certificate from the Thai Industrial Standard Institute. In January 1999, she entered the Master of Science Program in Industrial and Systems Engineering with emphasis on Operations Research at the Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia. She served as a graduate research assistant and a graduate teaching assistant while studying at Virginia Tech. She defended her Master thesis in Industrial and Systems Engineering in January 2001 and will work with Accenture formerly known as Andersen Consulting in San Francisco, California, as a technology analyst.

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