

## **VITA**

The author, Raymond L.Slaughter Jr., was born on September 10, 1974, in Detroit, Michigan. After birth the author move to Lewisburg, Pa. and then to Woodford Va. In 1992, he enrolled in Bucknell University, Lewisburg, Pa. graduating with a B.S. degree in Mechanical Engineering. In 1996, he enrolled at Virginia Tech and graduated with a M.S. degree in 1998.