

*By authority of the Board of Trustees of the*  
**UNIVERSITY OF ILLINOIS**

*and upon recommendation of the Senate*

*at Springfield*

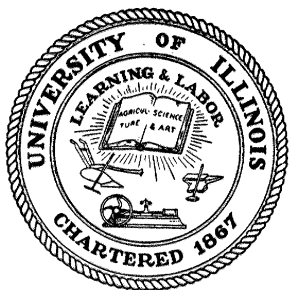
**Patrick James Michalina**

*has been admitted to the Degree of*

**Master of Science in Computer Science**

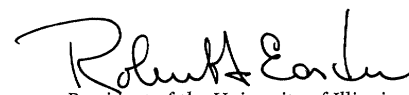
*and is entitled to all rights and honors thereto appertaining*


*Witness the Seal of the University and the Signatures of its Officers  
this eleventh day of May, two thousand and thirteen.*



  
Chair of the Board of Trustees

  
Secretary of the Board of Trustees

  
President of the University of Illinois

  
Chancellor, University of Illinois at Springfield  
Vice President, University of Illinois