



**SUDAN UNIVERSITY OF SCIENCE AND  
TECHNOLOGY**



**COLLEGE OF GRADUATE STUDIES  
COLLEGE OF COMPUTER SCIENCE AND INFORMATION  
TECHNOLOGY**

**Enhancement of Image Steganography**

**Using Multilayer Security Techniques**

**تحسين إخفاء الصورة باستخدام تقنيات متعددة لأمن المعلومات**

**A Thesis submitted in partial fulfillment of the requirements for  
the Degree of Master of Information Technology**

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