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APPROVAL PAGE

This Dissertation is submitted in partial fulfillment of  
the requirements for the degree of

Doctor of Philosophy

[Redacted Signature]

Shanhe Yi

**DUMMY**

Approved by the Committee, May 2018

[Redacted Signature]

Committee Chair

Professor Qun Li, Computer Science  
The College of William and Mary

[Redacted Signature]

Professor Weizhen Mao, Computer Science  
The College of William and Mary

[Redacted Signature]

Professor Andreas Stathopoulos, Computer Science  
The College of William and Mary

[Redacted Signature]

Assistant Professor Dmitry Evtushkin, Computer Science  
The College of William and Mary

[Redacted Signature]

Associate Professor Kai Zeng, Electrical and Computer Engineering  
George Mason University