*April 27, 2016*

To whom it may concern:

This is to certify that on April 27, 2016, Duncan McIsaacsubmitted an honors thesis entitled *Re-envisioning the Keyboard as a Spatial User Interface* to the Information Systems Program*.* This thesis has been judged to be acceptable for purposes of fulfilling the requirements to graduate with Dietrich College Honors.

Sincerely,

Jennifer Mankoff

Thesis Advisor

Randy Weinberg

Department Head

Richard Scheines

Dean, Dietrich College of Humanities and Social Sciences