



## GRADUATE PROGRAM APPROVAL OF DOCTORAL DISSERTATION FOR EXTERNAL EXAMINATION

The Doctoral Candidate or their Graduate Program office must submit this form to Graduate and Postdoctoral Studies ([graduate.doctoral@ubc.ca](mailto:graduate.doctoral@ubc.ca)) before a doctoral dissertation will be accepted for final examination.

Additional information about submitting the dissertation for external examination is available at:  
<https://www.grad.ubc.ca/current-students/final-doctoral-exam/submitting-dissertation-external-examination>.

Student: Arthur de Sousa Marques Student number: 89918163  
Given Name Family Name

Dissertation Title: Supporting a Developer's Discovery of Task-Relevant Information

- ☒ A **minimum of three** Supervisory Committee members (including the Research Supervisor) have reviewed and approved the doctoral dissertation of the Candidate named above for transmission to the External Examiner.  
*The **printed names** of the Supervisory Committee members who have approved the dissertation must be provided on the appropriate lines below. Signatures from each are not required; only the Supervisor is required to sign.*

Research Supervisor: Gail C. Murphy

Committee Member: Reid Holmes

Committee Member: Muhammad Abdul-Mageed

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Research Supervisor's Signature: \_\_\_\_\_

- ☒ The Candidate has met all program requirements for  
Degree: ☒ PhD ☐ EdD ☐ DMA Graduate Program: Computer Science

If no, please explain. \_\_\_\_\_

I confirm the Candidate's SSC record shows that

☒ the Candidate is currently registered in good standing, and

☒ the Candidate has paid fees in full and is not on financial hold.

☐ If no, please confirm that you have discussed the implications of the outstanding fees with the Candidate.

Speed chart account to be charged for courier expenses: \_\_\_\_\_

**Approved by Graduate Advisor/Head:**

Signature

Name (please print)

Date (yyyy/mm/dd)

**(If the Research Supervisor is also the Graduate Advisor, the Program Head must sign.)**