

# ARKANSAS TECH UNIVERSITY TOPIC APPROVAL SHEET FOR THESIS & APPLIED RESEARCH PROJECT

This form is to be accompanied by a one page typewritten description of the proposed research paper or applied research project (3 hours); including the problem, the value and the significance of the problem, and the method.

**To the student:** Submit a signed copy of this form to the Graduate College **before you begin work** on your research. Your advisor and the department head will not sign this form until they have read and approved the written proposal description. The Graduate College will send an electronic a copy of this form to you and the department head or graduate program director once it has been signed by the Graduate College Dean.

Student Name: Islam A. Ebeid T Number: T01102306  
(Please Print)

Cell Phone: 479 692 1854

Student Signature: Islam A. Ebeid

Student Email: iebeid@atu.edu Graduation Date: May 2013

Thesis Title (Please Print)

Displaying Data Structures and Algorithms in a  
graphical user interface

## ALL COMMITTEE MEMBERS MUST HAVE GRADUATE FACULTY STATUS

My signature indicates I agree to provide the graduate student with the information and direction necessary to prepare an acceptable document for presentation to the Graduate College and the fulfillment of all Master's Degree requirements.

- |   |  |                           |
|---|--|---------------------------|
| 1. <u>LARRY MORELL</u><br>Committee Chairperson (Print) | <u>Larry Morell</u><br>Committee Chairperson (Signature) | <u>11/19/2012</u><br>Date |
| 2. <u>Jerry Wood</u><br>Committee Member (Print)        | <u>Jerry Wood</u><br>Committee Member (Signature)        | <u>11/28/12</u><br>Date   |
| 3. <u>David Middleton</u><br>Committee Member (Print)   | <u>David Middleton</u><br>Committee Member (Signature)   | <u>11/28/12</u><br>Date   |
| 4. _____<br>Committee Member (Print)                    | _____<br>Committee Member (Signature)                    | _____<br>Date             |
| 5. _____<br>Committee Member (Print)                    | _____<br>Committee Member (Signature)                    | _____<br>Date             |

Approval: Roger J. [Signature] Date: 11/28/12.  
Department Head or Graduate Program Director

Graduate Office Approval: Mary B. Gunter Date: 11/30/12  
Graduate Dean - Dr. Mary B. Gunter

\*For instructions on writing a research paper or creative project see "Thesis Preparation Guide" available at [www.atu.edu/gradcollege](http://www.atu.edu/gradcollege). It is your responsibility to determine whether your project needs approval from the Human Subjects Committee. If so, this approval must be secured before the study begins.



SCANNED

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11-29-12