

Student Names: Joshua Richards, Jake Buettner, Dane Vanden Berg

## **COMPUTER SCIENCE SENIOR PROJECT PROPOSAL**

The following statement appears in the Gordon college catalog with regard to the Computer Science major - General Concentration:

“Students must carry out a senior project (approved in advance by the department) in which they demonstrate the ability to apply classroom learning to an actual computer application or research project of significant size.”

A copy of this form, together with necessary project approval signatures and the other information requested, must be submitted to the department before significant work on the proposed project is begun. You are encouraged to submit your proposal as far in advance as possible. Proposals submitted less than one month before the last day of classes for the term immediately preceding your final term before graduation will NOT be considered. You will be notified of the department's acceptance or non-acceptance of this proposal within one working week of submitting it. All work for the project must be complete and necessary documentation must be submitted at least two weeks before the last day of classes of your final term before graduation, so as to allow time for evaluation of your work (and correction of deficiencies if necessary) before you graduate. A copy of this form with the project completion signature of the client must be turned in at that time - the departmental representative will sign this copy after reviewing it.

Date proposal submitted: 10/5/2015

Date you plan to graduate: May 2016

Due date for completion of work and submission of all documentation:

April 25, 2016

Title of proposed project: Child Sponsorship and Analytics for AMG Guatemala

Will this work be done for course credit? Yes.

If yes, give course number(s) and academic term(s) under which credit will be earned: CPS491-CPS492, 4 Credits.

Estimate the total number of hours you will spend on this project: 200 Hours.

Person/organization for whom project is being done: AMG Guatemala.

Full name, address, and title of the person who will be the client for your project.  
Brian Dennett,  
Guatemala City, Guatemala,  
President of AMG Guatemala

I am willing to have this student's work be submitted to Gordon as part of his/her degree requirements. I believe that the work as proposed can realistically be completed within the time frame specified.

  
(Signature of client)

Oct. 21, 2015  
(Date)

Gordon faculty member who will oversee your work on behalf of the department:

\_\_\_\_\_  
(Signature of departmental representative)

\_\_\_\_\_  
(Date)

**Please attach the following:**

1. Summary of what you propose to do and criteria for acceptance of your work. Remember, this will be used as the basis for determining whether your work is acceptable for graduation, so be specific and realistic
2. A draft software project management plan, including a schedule of tasks to be accomplished with milestone dates for each. For each task, estimate the number of hours of effort needed on your part(s).

**Departmental action:**

\_\_\_\_\_ Approved

\_\_\_\_\_ Conditionally approved subject  
to conditions listed below

\_\_\_\_\_ Disapproved for  
reasons listed below

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

**Completion of project:**  
completed

The work required for this project has been satisfactorily

\_\_\_\_\_  
(Signature of client)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Signature of departmental representative)

\_\_\_\_\_  
(Date)

Note: when this form is initially approved, you will be given the signed original and one copy. The copy is for your client. The signed original - with the completion signature of the client added - goes in your final project notebook to be turned in just before graduation - so treat it with care!