About Me

My name is Uvernes A. Somarriba; I'm a Senior DBA at The Ottawa Hospital, working in the Data Warehouse and Business Intelligence team. My role also includes managing the entire software infrastructure for the Data Warehouse and ETL (Extract-Transform-Load) tools and servers for The Ottawa Hospital. I have been working in IT since 1989. I also was a Microsoft Certified Trainer and a part time teacher at Montmorency College in Laval, Quebec, Canada and at the National University of Engineering in Managua, Nicaragua; as a private trainer; I trained all the Xerox support services technicians in the Microsoft System Engineering program (2000-2001). On the academic system side, I designed and managed the development of the academic registry software system of the National University of Engineering in Managua, Nicaragua; project financed by the International Development Bank.

My detailed resume can be review at http://www.linkedin.com/in/usomarriba. I also write some technical notes in my personal blog at http://arbime.wordpress.com, most of this notes are solution to technical problems that I encounter in my day to day work.

My Raison for Taking This Class

I'm taking this course because I would like to:

1. Learn research techniques and acquire research skill.
2. Have the opportunity to conduct a research with the guidance of a tutor.
3. Better understand the scope of Education Technology.
4. Have a actualized view of the advances and tool available in Education Technology.

My Expectation from This Class

At the end of this class I expect to:

1. Know research techniques and have developed research skill.
2. Produce a research paper (not necessary published it).
3. Have a good understanding of the Education Technology area.
4. Have an actualized knowledge the current advances and tools available for Education Technology.
5. Have a good understanding of the direction of future innovation in Education technology.

My Experiences with Education Technology

Here a summary of my experiences with Education Technology in order from the most recent to the less recent.

1. Taken the following OMSCS courses:

a. CS6210: Advanced Operating Systems
b. CS6250: Computer Networking
c. CS6300: Software Development Processes
2. Taken some Lynda.com courses on Python, Java and C.
3. Watched one course of Finance in Coursera.
4. Take several auto guided technical courses from Oracle, Microsoft, Sun Microsystems and other (Coursework installed via CD).
5. Designed and managed the development of the academic registry software system of the National University of Engineering in Managua, Nicaragua.

Particular Problem I'm Interested to Address in This Class

Given the limited time frame for this course, my first preference will be to combine my work experience with the learning experience offered in this course to conduct research in the areas of education technology applied to the decision support systems in healthcare, specifically to hospital. One possibility can be in researching what education technology tools and techniques can be applied in the learning process of the decision support systems that can increase users' adoption.

Another area of research can be in how Education Technology can be applied in hospital to increase patient safety (https://en.wikipedia.org/wiki/Patient_safety); most specifically, how can we tailor the result of the adverse event (https://en.wikipedia.org/wiki/Adverse_effect) report to Education Technologies tools to propose or reinforce training/tutorials to reduce future adverse events.

I'm also open to any news ideas.