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CMPT 390

Senior Portfolio

Westminster College Learning Goals:

* *Critical, analytical and integrative thinking*
* *Creative and reflective capacities*
* *Leadership, collaboration, and teamwork*
* *Writing and other communication skills*
* Global consciousness, social responsibility, and ethical awareness

Westminster College Computer Information Systems Learning Goals:

* *To understand the components of a contemporary computer system.*
* *To provide a background in software development and project management.*
* To develop an understanding of a basic business environment.
* *To understand concepts and processes for achieving organizational goals with information technology.*
* CMPT 202 – Lab 11 – “Out of Sorts”

This was the first real computer science class I took at Westminster that was really hands on with writing Java code. Before CMPT 202 I had only one other class online where I learned basic Java coding. Lab 11 really embraced the learning goal of Westminster: *Critical, Analytical and Integrative thinking*. This assignment assembled the complex world of sorts: insertion, selection, and time sorts. Sorts were something I struggled pretty aggressively with. It wasn’t until I spent several hours working through the assignment line by line, translating each line into pseudo code, did I really understand it.

* CMPT 307 - GrifSpot Database Project – Databases

My first semester at Westminster I took Dan Bryne’s Database class. I was lucky because it helped me understand the teaching style of professors at Westminster. Questions are always welcome, and those who sit quietly miss out. This class helped me better *understand the components of a contemporary computer system* and how they can effectively work with databases. We were tasked with developing not only a database as a group, but a project that would be supported by that database. Having worked on Google’s FieldTrip app before coming to Westminster, we decided to build a smaller version of FieldTrip specific to Westminster students unfamiliar with the Sugar House area. Our application, GrifSpot, was built in the Play framework and used geolocation to help students find interesting things to do in the area.

* CMPT 322 - Storybook Road - Software Engineering

Writing paired with other communication skills combined with creative and reflective capacities all the while encouraging collaboration and teamwork

* CMPT 375 - MyCarAttendant.com – Ecommerce

Leadership, collaboration, and teamwork

* CMPT 390 - Frameable.org - Senior Capstone Project

provide a background in software development and project management.

* CMPT 400 – TEGNA Internship

understand concepts and processes for achieving organizational goals with information technology.