**TECHNICAL HIGHLIGHTS**

***●*** Oversaw quality and detail of work with a development team as a Quality Control Specialist in the university Senior Systems Development course

● Java, SQL, HTML/CSS, basics in C/C++/C#, JavaScript, worked in ASP.NET framework and Blazor Server

● Written System Study Reports, Detailed Design Reports, Project Completion Report, and User and Tech Manuals

● Data Structures and Algorithms, Data Warehousing, Microsoft SQL Server, Microsoft Visual Studio, Diagrams

● Worked with Balsamiq and UXPin for a UI university project

**EDUCATION**

**Undergraduate University of Winnipeg** Present (Graduating 2022)

(BSc Applied Computer Science)

**PROFESSIONAL EXPERIENCE**

**Quality Control Specialist Tundra Oil & Gas Project: WellMade Dashboard**

ACS 4901 Senior Systems DevelopmentSeptember 2020 – April 2021

**Responsibilities**

* Assisted the Project Leader in preparation for each phase in development
* Monitored team activity and hours during development
* Ensured standards of deliverables follow the provided standards handbook
* Performed non-standard testing on the developed dashboard
* Programmed in C#/ASP.Net Core and ChartJS.Blazor

**Technical Environment**Microsoft SQL Server, Microsoft Visual Studio

**Accomplishments**

* Year-long university course that involves a project that is contracted out by the Department of Computer Science to participating sponsors, which was Tundra Oil & Gas for our team, which was the only external sponsor for the year.
* Development of the dashboard included going through a Waterfall Development Cycle and included full documentation of a Project Proposal and Plan, Systems Study Review, Detailed Design Review, Project Completion Report, UML Diagrams, and Data Flow Diagrams.
* Project involved developing a view-only dashboard interface for internal use in Tundra Oil & Gas to replace their previous solution. The issue with the previous solution that was implemented is that the licensing needed for necessary users was too expensive to justify for the company, and thus we were tasked to create a dashboard that provided a similar experience to their previous dashboard.
* Did not have the experience and knowledge that my team members had and thus I had to learn and adapt to be able to help the team build in C# in the ASP.Net Core framework and ChartJS.Blazor to visualize the sample data set that was given to us. Version control was handled through GitHub.
* Implemented initial date slider code for the graph, incremental loading of data from the database, saving graphs into new and existing dashboard profiles, navigation menu, and aesthetic CSS changes with dark mode.
* Participated in daily scrum meetings and check-ins to review progress and roadmap using our development plan.

**Team Leader User Interface Project: ClassConnect**

ACS 3916 Human-Computer InteractionSeptember – December 2019

**Responsibilities**

* Led the team and delegated responsibilities to ensure smooth workflow and allow us to meet the deadlines set in the syllabus
* Developed most of the user interface for the project
* Responsible for the presentation slides and arrangement of presented information
* Performed research methods with the team to discover user preferences for the user interface being developed
* Developed a storyboard and aided in the production of paper prototypes to establish a base for our project

**Technical Environment**Balsamiq, UXPin

**Accomplishments**

* Initial development of the UI started in both Balsamiq and UXPin but ultimately finished in Balsamiq because of its user-friendly interface and easier learning curve.
* Stepped up as a team leader when required and communicated well to the team and thus led to a success in our project
* Applied knowledge of Human-Computer Interaction and UI development into the project
* Performed user testing and observations on users and their behavior while they were using our developed UI and similar applications.
* Performed research on similar applications and assessed the data gathered to see the most used features and incorporate them into the UI we have developed.

**WORK EXPERIENCE**

**Counter Staff/Baker/Delivery Unloading Tim Hortons**  2018-2021

**Courtesy Clerk Real Canadian Superstore** 2016-2018

**ACADEMIC ACHIEVEMENTS**

**Dean’s Honour List: Student of Distinction University of Winnipeg**  2020-2021