Brent Simmons

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Sept. 11th, 2015

Ms. Trish Meng

Coordinator, Co-op Program

Faculty of Computer Science

University of New Brunswick

P.O. Box 4400

Fredericton, NB E3B 5A3

Re: Summer 2015 Co-op Work Term Report

Dear Ms. Meng:

Include with this letter is my first Co-op work term report as well as my professional log. The work term report is an overview of my responsibilities at Accreon in the summer of 2015.

Accreon is a software consulting firm that specializes in the health care sector. They provide and maintain software systems that process and file reports and claims for accounting and insurance purposes. To keep themselves ahead of the competition, they have their own internal software product that allows them to rapidly build a quality product.

This work term was a fantastic learning experience in what goes on the software industry and how it operates. I feel I acquired a multitude of skills and knowledge that I hope to further develop in my own time or through academics. These areas of skill and knowledge are outlined in this report. My work term evaluation is also included in this report and my supervisor, Robb Messer, has reviewed this with me.

Sincerely,

Brent Simmons

Enclosed: Work Term Report - Accreon

**Work Term Report – ACCREON**

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UNB Faculty of Computer Science Cooperative Education

Brent Simmons

ID# 3515072

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|  |  |
| Employer: Accreon | Coop Term #1 |
| Work Address: 414 York St. Fredericton, NB E3B 3P7 May 1st – August 28th | |

## Introduction

This report aims to summarize and highlight the experience gained by Brent Simmons, henceforth referred to in first person, through a cooperative education (Co-op) term at Accreon. This term takes place in the summer of 2015 and lasted for the months May through August for a total of four months. The goal of the term was to increase my awareness of the computer science industry and to gain insight into the divide between university and the real world. Located at 414 York St in Fredericton, Accreon is a consulting company specializing in the health care sector. At Accreon, I expanded my skill set with an intro to prototype debugging, micro-services, native mobile apps development, and a multitude of various languages such as HTML5/CSS, Javascript/JQuery/AngularJS, and PHP.

## Summary

A main responsibility of mine was to build two mobile phone application prototypes for Manion Wilkins. In addition, other responsibilities include debugging a mobile application, preparing a demo for a lunch-and-learn and general research on mobile development and modern user interface design.

There was not any formal training per say, but knowledge was acquired in the form of discussions and demonstrations with experienced programmers and managers. I developed skills through my own research as well.

The work term environment was pleasant and the two/three people I communicated with regularly were happy to share their knowledge and engage in discussions. I felt prepared for the position.

Supervision and mentoring was mostly for high level overviews of concepts. This was nice as it allowed me the responsibility of learning the technical details.

## Professional/Personal Development

* how you were able to develop as an emerging professional, what technical and business content you learned.
* this should include, most importantly, a reflection of each of your own personal work term goals, including a self-assessment of the level of skill attained.

## Appendix (professional log)

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| **Month and Year** | **Record of Work Activity**  **(min of one entry per month)** | | **Verification** |
| May 2015 | UMS – On The Floor debugging and testing (see attached OnTheFloor\_testing.xlsx) | | Initials: |
| Docker Microservices – Lunch and learn prototype | |
| June 2015 | Native Android mobile app – Oldboys soccer schedule | | Initials: |
| Basic front-end for Oldboys soccer schedule - HTML5, CSS, and Javascript | |
| July 2015 | Native Android app – Manion Wilkins prototype | | Initials: |
| August 2015 | Native iOS mobile app – Manion Wilkins prototype | | Initials: |
| Documentation and research– Overview of Mobile Development, mobile test automation, and GUI plugins. | |
| **IT Professional Supervisor:**  Please verify that the work activities listed are complete and accurate before initializing beside the LAST line of each month`s entries.  Please sign your name in the box to the right. If another person has verified this Log, please include their name, title, and signature. | | Name (printed):  Signature:  Job Title:  Employer Name: Robb Messer  Location: 414 York St. Fredericton, NB E3B 3P7  Phone: | |