An IT Business Intelligence Internship: Hardware Project at DataNow

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ABSTRACT

The poster demonstrates the experiences that have been gained by Martin Bischofer, a computing student in the Bachelor of Computing Systems (BCS) at the Eastern Institute of Technology (EIT) in 2017. Martin worked as an Operations Technician for DataNow throughout the duration of the internship. The poster summaries the experiences that were had in an industry role outside of EIT. DataNow, the company in which the internship was performed for, was in a preparation phase where the student was able to improve processes and procedures alongside the various projects that were go happening. The internship had aspects of regular data to day work as well as Research and Development (R&D) aspects through the mini-project undertaking by the student. This gave the student a formal structure to work from and gain world experiences as part of the internship. A lean business model was used to ensure rapid development and customer support to guarantee customers get the most support.

Keywords: business intelligence, hardware, data security

1. INTRODUCTION

The undertaken internship is a 45-credit project that is completed in the final semester of the final year of the Bachelor of Computing Systems degree at EIT. The poster bridges what has been done within the internship with the academic environment that is part of EIT.

DataNow provides services that involve monitoring data from sensors, databases, industrial controllers and other sources, which are then viewed in real time and analysed in meaningful reports (DataNow, 2017). Before the internship had started, Martin worked for DataNow for a month to be trained in the business procedures so that there was no learning curve at the start of the semester.

It is also worth noting that DataNow was selected as the Hawke's Bay's small business of the year at the Pan Pac Hawke's Bay Business Awards in November 2017 (Napier Company DataNow, 2018).

DataNow Internship

2. WORK-INTEGRATED LEARNING

The details the internship poster includes an overview of the project undertaken by the student and the daily activities involved at the workplace. The project involved skills that the student had learnt at EIT to get the desired results of the project.

3. RESULTS

The internship program resulted in future employment with DataNow as a result of his successfully applied skills. Martin associated his employment potential with the preparation EIT provided with a mix of teaching and real-world experiences.

More and more reporting is done via browsers on mobile devices (as also offered DataNow); thus, mobile data security is a critical issue (Erturk, 2012). Martin has further appreciated the importance of data security and privacy in his internship.

4. CONCLUSION

The experience that the internship provided for the student has been a success due to the tasks involved, and Martin's continued employment. The internship provided the student with work experience allowing for greater practical learning.

5. REFERENCES

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