

## Joshua M. Bell

2 Toye ct.  
New Brunswick, NB  
Canada

### OBJECTIVE

A student of Software Engineering and a trained professional with proven experience seeking to secure a position in the field of software engineering for a four-month work term spanning from April to September.

### KEY EXPERTISE

- Expert with technical background in Windows and Linux environments.
- Thorough knowledge of the incident, problem, and change management processes.
- Analyzing and resolving network related issues by trace routing IP addresses to ensure the initial IP packets reach the specified server.
- Regression testing and using the Agile process to help a team of developers debug the Bell TV applications.
- HTML, CSS, PHP, Java Script to build web-apps for personal experience and entertainment.
- Automated manual processes by introducing scripts where required.
- Used Java and C++ in a programming competition to solve puzzles held at UNB and automated scripts for equations that I repetitively use in chemistry and physics.
- Experience with the Jira web application for large software project collaboration.
- Excellent interpersonal, troubleshooting and resolution skills.

### WORK EXPERIENCE

#### **Bell Canada**

#### **System Integrator**

**April 24 - Sep 02 2017**

**April 18 - Sep 02 2016**

- Setting up and managing Charles Proxy server for monitoring traffic through a home router.
- Follow company's defined policies and procedures to ensure compliance.
- Using company's approved networking tools including Wireshark to validate bitrates in video streams as part of the troubleshooting.
- Creating trouble tickets to tier II team for a resolution within defined SLAs.
- As a designated person, after a new version release of the app, performed verification of the app to ensure its production after code modifications.
- Generating a reproduction steps and providing app logs to the developer team, through the use of company's provided developer tools.
- Involved in multi-platform environment for testing including: Windows XP, 7, 8.1, 10, Ubuntu Linux, Unix Mac OS X, iOS, Android, Web, tvOS.
- Created presentations and collaborated with peers to train them to fill my position upon completion of the work term.
- Worked productively and enthusiastically with minimal supervision.

## **SCHOOL EXPERIENCES/ PERSONAL PROJECTS**

- Programmed a 3pi robot to solve a maze using electrical tape.
- Used an Arduino to created a clap-on-clap-off switch for bedroom lights.
- Currently creating a website for ChargingMinds which is a startup company I am working on.
- Enrolled in two courses: PHP for Beginners -Become a PHP Master - Project Included, and Learn 3D Modelling - The Complete Blender Creator Course, on [udemy.com](https://www.udemy.com)
- Completed the HTML/JS: Making web pages interactive on [khanacademy.org](https://www.khanacademy.org)

## **VOLUNTEER EXPERIENCE**

- UNB Promise-Partnership mentor, 2016 - Currently
- Canadian Blood Service donor since, 2016
- KV-Oasis volunteer, 2016
- Volunteered through Memorial University and helped paint Pippy Park benches and wooden accessories, St. John's, NL, 2015

## **AWARDS/SCHOLARSHIP**

- Systems Integrator Award, 2016
- Won first place at the Junior Engineering Competition at Memorial University, 2016
- The Memorial University of Newfoundland Endowment Fund Scholarship, 2015
- Engineering One Entry Scholarship, 2015

## **PERSONAL INTEREST AND HOBBIES**

- Marathon Runner
- Skydiving
- Travelling

## **EDUCATION**

**University of New Brunswick, Saint John**  
***Software Engineering, Expected 2020***

- Programming in Java, CS 1083
- Database Management, INFO 1103
- 3.7 GPA

**Memorial University, St. John's, NL**  
***Engineering One, Sep 2015 - April 2016***

- Programming in C++
- Working with simple circuits

## **REFERENCES**

- Available upon request

Cell phone:(506) 650-8381  
E-mail:[jbelle5@unb.ca](mailto:jbelle5@unb.ca)