Robert Beaudenon

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Education

Bachelor of Software Engineering Concordia University **September 2018-June 2021**
Montreal, Canada

Bachelor of Mining Engineering Co-op, Minor in Software Engineering McGill University **September 2016-June 2018**
U1 Representative of Students, Member of McGill Students for UNICEF Montreal, Canada

High School Graduation Diploma (Honors List) Lycee Franco Libanais Nahr-Ibrahim **September 2001-June 2016**
French baccalaureate (General Science) with Mention Bien Beirut, Lebanon

Experience

National Bank of Canada: *Software Developer Intern – Bank IT Security.* **Summer 2019**

- Team IAM (Identity Access Management) and Security Architecture.
- Implemented scripts to automate the deployment of a solution that manages the access of high privileged users to servers (Infrastructure as Code (IaC)). Technology used: Linux(CentOS,RHEL), Windows(2012R2, 2016), Ansible, Terraform, Jinja2, Docker, Jenkins, PowerShell, Cloud, VMware.
- Automated the deployment of an Agent that monitors this solution using Ansible.
- Integrated the users and the servers of the bank with the solution using ELK (Elasticsearch, Logstash, Kibana).

DATAFLOW: *Software Engineering and Integration Solutions for the Banking and Finance industry.* **Summer 2018**

- Developed an Android application in Java that stores records using Android Studio.
- Used different Activities and tabbed Fragments to navigate through the Application.
- Implemented a List View populated by SQLite to display the student records.
- Created a Responsive Design adapting to various screen sizes to provide a good user experience to customers.

Engineering Projects

Software Process in Angular, NodeJS and MySQL (Concordia) **Winter 2019**
- Implemented a friendly interface of the social networking site witwit to reflect relation among users, that can like and follow each other.
- Worked mostly on the back-end using NodeJS creating features such as Follow/Unfollow a user, Registration, Like/Delete a wit.
- This project taught me a lot, since it was the first time working on a project with 10 people in an Agile environment as well as building a full web application with a backend and a frontend.

Principles of Programming Languages in Ruby (Concordia): **Fall 2018**
- Developed a program that reads an unorganized car listings file which contains all available inventory details.
- Each line contains 12 listing features whose order varies from one line to the other.
- The program recognizes each single feature and reorganize them in a searchable inventory that is modifiable.

Model-Based Programming in Java (McGill) **Winter 2018**
- Developed a fully functional Restaurant application.
- The application assisted waiters for reservations, ordering, and billing and owners for creating menus.
- Leveraged Git and GitHub for version control to synchronize code base contributions among team members.

Introduction to Computer Science in Java (McGill) **Winter 2018**
- Developed a program mimicking the management of Amazon's warehouses.
- Each box registered was placed on shelfs based on size and urgency.
- Implemented an API to reorganize the warehouse in order to optimize space.

Introduction to Software Development in C (McGill) **Fall 2017**
- Developed a search routine to find custom records for a specific student from files.

Skills

Programming Languages: Java, C, JavaScript, NodeJS, PHP, Html/CSS, Ruby, Common Lisp, Prologue, Ansible, Terraform.
IDEs: Eclipse, Brackets, Android Studio, Xcode.
Software: Microsoft Office (Word, Excel), AutoCAD
Languages: Fluent in English, French and Arabic

Awards and Acknowledgement

- 2nd place in the Middle East Wakeboarding championship 2014.
- 1st place in the soccer Championship of all Lebanese Schools (Captain of the Team).
- Strong interest in Surfing, Skating, Hiking, Travelling, Photography and Music.