Hyjaz Loudin

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SUMMARY OF SKILLS AND QUALIFICATIONS

**Languages** | C++ • C# • Java •Python • Prolog • Lisp

**Web Technologies** | JavaScript • JQuery • HTML • CSS • VBA • SSRS

**Web Frameworks** | ReactJs • Flask • Node.Js • • Express • AngularJs (adept) • Ionic (adept)

**Databases** | MongoDB • SAP HANA • Oracle • NoSQL • PostgreSQL

**Applications │** Visual Studio Community• Eclipse • Microsoft Suite • Notepad++ • PuTTY/RDP • VMWare • NetBeans(PyCharm) • Photoshop CS6

**Version Control** | Github • Gitlab

**Operating Systems │** Windows 10 • MacOS Sierra• Linux/UNIX

WORK EXPERIENCE

**Assistant Project Manager 2015-2016**

**Pratt & Whitney Canada**

• Communicated abroad to guide the developers to Pratt and Whitney’s needs for the development of the Virtual Factory (Software)

• Implemented the **scrum** methodology, used **poker planning** to estimate effort needed for tasks and used **JIRA** to create and assign issues to the developers.

• Developed an **Excel** based program that enables supervisor to easily schedule the employees under their supervision using Microsoft **Access** to save the data’s**.**

• Developed an E**xcel** based program that enables live monitoring of engine parts while using **SAP HANA** and Microsoft **Access** to save the data’s.

• Manually tested **SQL Server Reporting Services(SSRS)** features for proper functionalities.

• Maintained past applications and databases.

• Technologies used: **Microsoft Access** • **VBA** • **SAP HANA** • **Oracle(adept)** • **SSRS(adept)**

**• Supervisor 2007– 2014**

**Buanderie Laser Inc, Montreal, QC**

• Promoted to supervisor in the first year

• Developed reflexes and time-management skills

• Enhanced productivity under my supervision

• Supervised newly admitted employees

• Quality supervision

EDUCATION

**Bachelor of Software Engineering Web Services and Applications** **2014- 2018**

Concordia University, Montreal, QC

• Member of the Institute for Co-operative Education (Co-op)

• Member of the Institute of Aerospace Design & Innovation (CIADI)

**DEC in Pure and Applied**  **2007-2011**

Champlain College, St-Lambert, QC

**LANGUAGES**

**Languages •French and English** | Written and Spoken – Fluent **•Persian│** Spoken **•Urdu|** Spoken

PROJECTS

**Dungeons and Dragons (D&D) Fall 2016**

• Following strict guidelines, in a team of 4 we successfully developed the D&D online gaming system using C++

• Followed the scrum methodology.

• Developed using Visual Studio.

• Programming language, technologies and libraries used: **C#** • **Boost library**

• Link: https://github.com/Hyjaz/Dungeons-and-Dragons

**Schedulator (Concordia Schedule) Winter 2016**

• Developed a website such that students can prepare their schedule for a complete year.

• Implemented login page using Node.js framework and MongoDB to store data, while using Mongoose API to access the database from our express application.

• Used VBA to filter all rooms, classes, and time to a JSON format.

• Coded endpoints to facilitate the integration of front-end with back-end.

• Programming language, technologies and libraries used: **Node.js** • **Express** • **MongoDB** • **NoSQL**

• Link: https://github.com/Hyjaz/Schedulator

• Programming language, technologies and libraries used for a similar project: **Python** • **Flask** • **PostgreSQL**

• Similar project Link: https://gitlab.com/PuzzlePuzzling/BookMe

**Otohits Bot (Personal) Winter 2015**

• Developed a bot that would bypass https://www.otohits.net/ security authentication and would automatically start the program

• Possibility of using proxies

• Asynchronous

• Programming language, technologies and libraries used: **C#** • **HttpClient** **library**

**Remote Car Starter (Personal) Winter 2014**

• Remote Car starter using an Arduino Uno

• Bluetooth connectivity

• Rpm Sensor

• Heat sensor (to be added)

• 4 24DC/30Amp Relays

• Installed in 3 cars (1995,1997,1998) and continuing to do so

• Acquired knowledge in programming with the Arduino software and building the electrical circuitry of the remote car starter

• Learned to be patient in order to reach the end result and work with an open mind under pressure

• Programming language, technologies and libraries used: **C++**

INTERESTS

**Sports** Soccer, Basketball, ski and motorcycle

**Passions** Travelling, meeting new people, creating and designing attractive yet useful applications, motorcycle riding and Video Games

**Causes I care about:** Children, Environment, Health, Education and Human Right