

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 **Excel** 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