Prajvin Jalan

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SKILLS SUMMARY

Proficient with:	Java, C/C++, Python, OOP
Experienced with:	HTML/CSS, JavaScript/JQuery, Git, Bash, Linux, Android Studio, Eclipse
Familiar with:	XML, Ruby, Assembly (MIPS), Unix/Shell Programming, Matlab, SDLC
Currently Learning:	MEAN Stack, SQL

NOTABLE PROJECTS

Notyfy SMS Alert App
Boston Hacks 2015

- Signed up users can send or receive text alerts within their community
- Web application made with Django(Python), HTML/CSS, Twilio API, and hosted on Microsoft Azure

PebbFit Fitness Tracker
Western Hacks 2015

- Android App that tracks fitness data it receives from a Pebble Smartwatch accelerometer
- App designed in Android Studio (Java, XML), fitness algorithm made in C#

Student Database App
Spring 2014

- Track and Field Runner database program with features like graphing and file I/O for student information and statistics, among others
- Program incorporated OOP and Swing in Java, and final documentation included GANTT Charts, class diagrams and daily work logs

WORK EXPERIENCE

Max Robotics
Robotics Instructor
June 2015 – August 2015

- Prepared and conducted lessons about the mechanical and programming aspects of VEX-IQ robotics for classes of up to 12 students (children aged 7 to 12)
- Encouraged STEM education through class challenges and various homework exercises
- Evaluated students throughout the course and providing report cards to inform parents about their child's strengths and weaknesses

EDUCATION

McMaster University
Sept 2014 – April 2019

B.Eng. Mgt. - Software Engineering and Management
Dean's Honour List (3.87 Cumulative GPA)
Key Computer Science Courses:
- Data Structures and Algorithms
- Principles of Programming
- Software Development Skills: Practice and Experience

OTHER EXPERIENCES AND INTERESTS

- **Avid Musician** – Playing drums for over 8 years
  - Performed at music recitals and public shows in front of large audiences
- **Self-Employed Music Teacher** – Drums Instructor for beginners of all ages
  - Prepared lessons based on each student's capabilities on a weekly basis
  - Organized and presented a performance for the children's families to showcase their talents