

Prajvin Jalan



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SKILLS SUMMARY

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

NOTABLE PROJECTS

- Notify 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 (3.81 Cumulative GPA)
- Key Computer Science Courses:**
- Data Structures and Algorithms (current)
 - 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