SAHITYA CHANDRAHAS SHETTY

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EDUCATIONAL QUALIFICATIONS:

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University of Maryland Baltimore County
Master of Science in Information Systems
Savitribai Phule Pune University
Bachelor in Information Technology

Expected graduation year: May 2017
Current GPA: 3.75
Graduated: May 2015
Grade: First class

TECHNICAL SKILLS:

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Programming Languages: HTML, HTML5, Java, C, C++ and Python.
Scripting languages: JavaScript, PHP, Bootstrap, CSS, Angular JS, JQuery and XML.
Database: Microsoft SQL Server 2000/05/08, Oracle 10g/9i: SQL, PL/SQL, and MS Access.
Operating System: Windows, Mac, Linux.
IDEs: Visual Studio 2008, Eclipse, Arduino IDE, Net Beans.
Tools: Adobe Illustrator, Inkscape, Weka, Rapid Miner, Wordpress, Invision, Marvel, JIRA.

WORK EXPERIENCE:

1) **Vensark Technologies – Web Developer Intern**   *(June 2014- May 2015)*
   Worked on project - *Web controlled robot for surveillance.* **(Java, JavaScript, HTML, PHP, Arduino processor)**
   - Developed a robot which can be operated from remote place using internet and can be used for surveillance.
   - Authenticated user can control the movement of robot and track its movement live through the web page.
   - Movement of robot can be tracked with the help of camera which is mounted on the robot.

2) **Bayshore Networks - Software Engineer Intern**   *(July 2016-August 2016)*
   Worked as a developer for two open source projects.
   - File type detection using YARA wrapper. **(Python, C, Linux)**
     Detecting several types of files by comparing the file type with YARA rule set.
   - Non-port knocking usage by SSH client to server in Windows and Linux platform. **(Python)**
     Added support to non-port knocking usage when the knockd port of server is disabled.

ACADEMIC PROJECTS:

1) **Pet recommender system** (Dec 2015)
   - Helps an individual make decisions easier to find a suitable dog that fit their house based on their requirements.
   - Used a simple heuristic based model to narrow down the match to suggest one or more dog.
     (Technologies used: HTML, CSS, JavaScript, Python, Django, Bootstrap)

2) **Branding for the Choice Job Program, Baltimore** (August 2016)
   - Designed several branding components for the client and built a prototype for sandwich ordering app.
   - Conducted an onsite interview with the client and came up with a design language for their café.
     (Technologies used: Illustrator, Inkscape, Invision, Marvel App, Wordpress)

3) **Hotel management system** (Dec 2015)
   - Developed an Oracle database system which helps user book a room, check room availability, delete or update booking and create user account.
   - Generates a bill once the user checks out from the hotel.
     (Technologies used: SQL, Oracle 10g)

4) **Predicting if user reviews are genuine or not based on Amazon fine food dataset** (Sept 2016)
   - Predicting if user reviews are genuine or not based on the values of score, helpfulness numerator and denominator.
     (Technologies used: Weka, MS Excel)