Sahil Ajmera

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CAREER SUMMARY

Dedicated and versatile software engineer with one-year co-op experience in different domains handling different kinds of projects with skills in programming and building and maintaining software applications. Seeking an entry-level position as a Software Developer. Available - December 2019.

EDUCATION

Rochester Institute of Technology, Rochester, New York   Expected December 2019
Master of Science in Computer Science   GPA: 3.96 / 4.0
Relevant Coursework: Data Structures, Foundations of Algorithms, Introduction To Big Data, Foundations of Intelligent Systems, Introduction to Computing Security, Advanced Database Systems , Information Retrieval and Text Analytics

Manipal Institute of Technology, Manipal, Karnataka, India   Earned 2017
Bachelor of Technology in Computer Science

SKILLS

Certifications: Oracle Certified Professional JAVA SE6 Programmer, Microsoft Technical Associate for Cloud Fundamentals
Programming Languages: Python, Java, C#
Relational Database Management Systems: SQL, MySQL, SQL Server, Oracle 11g
Web Development: HTML, CSS, JavaScript, .NET, Materialize
Desktop Application Development: Qt
Orchestration Tools: Juju Charms, Ansible Playbooks
Source Control: Git
Operating Systems: Windows, Linux

EXPERIENCE

Lenovo   Morrisville, North Carolina
Software Development Co-op – Data Center Group   August 2018 - Present
- Added features to Lenovo's RHHI offering by leading efforts on instantiation, configuration and validation of platforms like CloudForms, ManageIQ and Gitlab.
- Created a desktop application for ForkLift operators that gives information about the load they are carrying and the lane they are carrying that load to. (Presented at MWC - 2019)
- Created 3 Rapid Access Demos (RADs) as a means of proof of technology – allowing customers and partners with remote testing of Lenovo Data Center solutions.
- Technologies used – Python, C#, Juju Charms, Qt, MQTT, RHVM, CloudForms, ManageIQ, Ansible, Materialize, .NET

American Institutes For Research   Washington, District of Columbia
Software Engineer Intern   May 2018 – August 2018
- Integrated existing workflow of Item Card report generation into workflow of Custom Pdf report generation so that statistics of items can also be printed while making a Custom Pdf Report.
- Diagnosed bugs and implemented new features as per client requirements.
- Decreased the time that will take in later development operations by documenting existing code.
- Technologies Used: C#, .NET, HTML, CSS, JavaScript, Ajax, SQL, SQL Server

PROJECTS

Mobile App Review Classifier   June 2018 - August 2018
- Created 5 Naïve-Bayes classifiers to classify app reviews obtained from Google Play store as information giving, information seeking, bug report, feature request and displaying positive/negative/neutral sentiment.
- Created a web application that gives all the above information when an app review is input into the text field.
- Achieved F-measure values of 30%, 37%, 62.5%, 48.7%, 81.58% respectively for the 5 classifiers formed.
- Technologies Used: Python, HTML, CSS, JavaScript, Flask

Gender Recognition: Technique using PCA and GA   January 2017 - April 2017
- Achieved a 6% accuracy improvement over traditional gender recognition technique on the FERET dataset.
- Technologies Used: Python, MATLAB, WEKA