Sahil Ajmera

https://sahil-ajmera.github.io | sa7810@rit.edu | https://www.linkedin.com/in/sahil-ajmera-b6144092/ |
https://github.com/Sahil-Ajmera | +1(646)571-9799

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: 3.92 / 4.0
Relevant Coursework: Algorithms,Data Structures, Introduction To Big Data, Foundations of Intelligent Systems, Introduction to Computing Security, Advanced Database Systems, Information Retrieval and Text Analytics, Codecademy-'Learn AngularJS 1.X'

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#
Database: SQL, MySQL, SQL Server, Oracle 11g, H2 Database Engine, Cassandra
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 – May 2019
● Added features to Lenovo's RHHI offering by leading efforts on instantiation, configuration and validation of platforms like CloudForms, ManageIQ and Gitlab. (Presented at MWC-2019 and RH Summit 2019)
● 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 and Lenovo Accelerate 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