

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: 3.92 / 4.0

Relevant Coursework: Algorithms, Data Structures, Database System Implementation, Big Data Analytics, Information Retrieval and Text Analytics, Foundations of Intelligent Systems, Introduction to Computing Security

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: MySQL, SQL Server, Oracle 11g, H2 Database Engine, Cassandra

Data Analysis Tools: SQL, R, Weka, Tableau, Minitab

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

Airline On Time Performance Data Visualization and Analysis April 2018 - May 2018

- Explored the Airline dataset to uncover facts like best airlines to travel with and busiest airports during January 2018.
- Technologies Used: R, SQL, SQL Server