

Sahil Ajmera

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CAREER SUMMARY

Second year computer science graduate student looking for full-time opportunities in the field of Software Development.
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 Tech 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

Operating Systems: Windows, Linux

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.
- Implemented Runtime validations for Lenovo's RHHI offering.
- Redesigned the team's project structure on Git to improve readability, introduce necessary distinctions between VM Creation and actual appliance installation, configuration and validation.
- 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)
- Technologies used – Python, Juju Charms, Qt, MQTT, Red Hat Satellite, RHVM, RHEL, CloudForms, ManageIQ, Ansible.

American Institutes For Research Washington, District of Columbia
Software Engineer Intern May 2018 – August 2018

- Implemented new functionality by which statistics of items can also be printed while trying to make 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.
- Reduced the time taken to test the Assessment platform for issues by working with QA team during downtime.
- Technologies Used: C#, .NET, HTML, CSS, JavaScript, Ajax, SQL, SQL Server

PROJECTS

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

College website for ease of submission of student details to NBA February 2016 - April 2016
● Built a website for ease of storage of information by the college to be presented to National Board of Accreditation.
● Technologies Used: HTML, CSS, jQuery, JavaScript, J2EE, MySQL

Variations of K-Means: Removing Randomness of Initial Centroids October 2015
● Improved efficiency of K-Means by providing a resolution to the issue of random initial centroids using UCI Bank Marketing dataset.
● Technologies Used: Java