

# 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:** 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