

# VENKATA SIVA ABHISHEK MUNUKUTLA

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## OBJECTIVE

A determined and energetic graduate student currently seeking the position of a software engineering intern for the summer which will provide me with the opportunity to develop skills in software design and development.

## EDUCATION

<b>Masters in Information Technology</b>	<b>Arizona State University, AZ, USA</b>	<b>GPA: 3.89</b>	<b>May 2019</b>
<b>Bachelor of Engineering in Information Technology</b>	<b>Osmania University, India</b>	<b>GPA: 3.40</b>	<b>June 2016</b>

## TECHNICAL SKILLS

<b>Languages</b>	: Java, SQL, Python, PERL, T-SQL, PL/SQL, C, C++, PowerShell, Shell/Bash Script
<b>Databases</b>	: MySQL, Oracle 9i, MS SQL
<b>Tools</b>	: NetBeans IDE, Eclipse IDE, XAMPP, WAMP, Apache Tomcat, MS SQL Server Management Studio, Virtual Box, Microsoft Office, Packet Tracer, Matlab, Powershell, OpenSSH, GIT
<b>Web Technologies</b>	: HTML, CSS, XML, JavaScript, PHP, REST, JSON, Bootstrap
<b>Platforms &amp; OS</b>	: Linux (Ubuntu), Windows, CentOS, Amazon Web Services

## PUBLICATIONS

Published a paper titled "Internet of things: Obstacles and Challenges" in International Journal of Application and Innovation in Engineering and Management (IJAIEEM), Volume 5, Issue 10, October 2016.

## EXPERIENCE

<b>Graduate Services Assistant at Arizona State University</b>	January 2018 – Present
<b>Course:</b> Introduction to Java Technologies	
<ul style="list-style-type: none"><li>Assist professor with instructional responsibilities.</li><li>Hold weekly tutoring sessions online and on campus.</li></ul>	

## RELATED COURSEWORK

Cloud Computing	Software Engineering	Advanced SQL Programming
Web Technologies	Java Programming	Analysing Big Data

## ACADEMIC PROJECTS

### Arizona State University, USA

<b>Custom Menu on Blender for TPMS Heat Exchanger Project</b>	February 2018 – Present
<b>Technologies:</b> Python 3.5, Blender	
<ul style="list-style-type: none"><li>Develop an add-on in Blender using Python to automate the process of generating point cloud for iso-surfaces.</li></ul>	

<b>Analysing crime data from the city of Los Angeles using Amazon Web Services</b>	November 2017 – December 2017
<b>Technologies:</b> Java, AWS Elastic Map Reduce, AWS Athena, Tableau, and AWS S3	
<ul style="list-style-type: none"><li>Ran MapReduce on Amazon EMR with a transient cluster to reduce setup time and lower cost up to 90%.</li><li>Connected Tableau Desktop to Amazon Athena to create Tableau Dashboards for visualizing output.</li></ul>	

### Osmania University, India

<b>Continuous User Identity Verification for Secure Internet Services (Banking System)</b>	October 2015 – April 2016
<b>Technologies:</b> HTML, CSS, JavaScript, JQuery, JSP, Servlets, SQL, Netbeans, and SQLYog	
<ul style="list-style-type: none"><li>Developed a continuous authentication mechanism that improved security and usability of the user session.</li><li>Additional layer improved security by 50 percent without compromising usability.</li><li>Improved the accuracy of session control by triggering adaptive time-outs using JQuery.</li></ul>	