

# 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

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

## TECHNICAL SKILLS

Languages	: Java, SQL, Python, PERL, T-SQL, PL/SQL, C, C++, PowerShell, Shell/Bash Script
Databases	: MySQL, Oracle 9i, MS SQL
Tools	: NetBeans IDE, Eclipse IDE, XAMPP, WAMP, Apache Tomcat, MS SQL Server Management Studio, Virtual Box, Microsoft Office, Spark Shell, Matlab, Powershell, Maven, GIT, Docker
Web Technologies	: HTML, CSS, XML, JavaScript, PHP, REST, JSON, Bootstrap
Platforms & OS	: 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

Graduate Services Assistant at Arizona State University	January 2018 – Present
Course: 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

Custom Menu on Blender for TPMS Heat Exchanger Project	February 2018 – Present
Technologies: 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>	

Analysing crime data from the city of Los Angeles using Amazon Web Services	November 2017 – December 2017
Technologies: 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

Continuous User Identity Verification for Secure Internet Services (Banking System)	October 2015 – April 2016
Technologies: 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>	