

# VENKATA SIVA ABHISHEK MUNUKUTLA

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## 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

## RELATED COURSEWORK

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

## EXPERIENCE

**Arizona State University - Arcadia Engineering (Industry Partner Project)** February 2018 – April, 2018

**Role:** IT Engineer

**Technologies:** Python 3.5, Blender 2.79, Bash/Shell Scripting, VirtualBox, Ubuntu 16.04

- Develop a Virtual Machine with a ready-to-use Linux environment with Blender to overcome Python-Pym dependency issues and setup Blender with PyMCubes package.
- Automate the process of surface generation, adding thickness, and creation of STL file for 3D printing.
- Create scripts to accept inputs for customizing the surface.

**Arizona State University, Mesa**

January 2018 – May, 2018

**Graduate Services Assistant**

**Course:** Introduction to Java Technologies

- Assist professor with instructional responsibilities.
- Hold weekly tutoring sessions online and on campus.

## ACHIEVEMENTS

- Runners-up at ASU Hackathon (NerdHack) powered by ServiceNow.

## ACADEMIC PROJECTS

### Arizona State University, USA

**Student Party E-VITE Application**

March 2018 – April, 2018

**Technologies:** MS-SQL Server, SQL Server Management Studio, Django

- Developed the database of the application with T-SQL.

**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

- Ran MapReduce on Amazon EMR with a transient cluster to reduce setup time and lower cost up to 90%.
- Connected Tableau Desktop to Amazon Athena to create Tableau Dashboards for visualizing output.

**Human Activity Classification with Multinomial Logistic Regression**

April 2018 – May, 2018

**Technologies:** Apache Spark, Scala

- Developed a classification model to classify human activity based on sensor readings on a smartphone.