

## Sushant Mhambrey

300 S Cooper St, Arlington, TX 76013

(737)781-6091

[sushantshirish.mhambrey@mavs.uta.edu](mailto:sushantshirish.mhambrey@mavs.uta.edu)

[https://www.linkedin.com/in/sushant-](https://www.linkedin.com/in/sushant-mhambrey-2b23731a0/)

[mhambrey-2b23731a0/](https://www.linkedin.com/in/sushant-mhambrey-2b23731a0/)

<https://sushantmhambrey.github.io/>

### Education

<b>Master of Science in Computer Science</b> The University of Texas at Arlington	May 2021 GPA 3.67
<b>Bachelor of Engineering in Computer Engineering</b> University of Mumbai, India	May 2019 CGPA 8.32/10

### Academic Projects

<b>Connect4 board game</b> Implemented an AI program using Python3 to play Connect4 interactively based on a MinMax strategy. Evaluated board states to make an optimal decision for the next move	Fall 2019
<b>Simulation of Random Variables</b> Implemented a project based on the probability distribution and their distribution functions .Simulated and analyzed various discrete and continuous probability distributions using Python3.	Fall 2019
<b>Virtual Shoe Trial</b> Implemented a project to virtually try footwear through a mobile application. Created AR models for shoes using Vuforia and Unity3d. Used YOLO algorithm to train image dataset	2018-2019
<b>School Management System</b> Created a website that provides information about the institute and helps user carry out functionalities like course selection. Used HTML, CSS, JavaScript, PHP and MySQL	Fall 2017
<b>Data Pipeline</b> Implemented a simple data pipeline to count the number of visitors on a website each day	Spring 2019

### Skills

**Programming Languages:** Python, C, Java, HTML, CSS, PHP, MySQL

**IDE/Tools,Libraries,Frameworks:** Eclipse, PyCharm, Git, OpenCV, Pandas, StarUML, KIVY,Django

### Experience

<b>Web Developer Intern</b> , SMB Systems PVT.LTD, Mumbai, India Maintained websites of universities primarily using PHP framework. Performed website updates like creating polling forms, uploading student results etc.	June 2018-July 2018
<b>Volunteer</b> , U&ITEACH, Mumbai, India Taught English and Math to children between grades 5 to 9. Conducted activities like donation campaigns and child enhancement programs	Mar 2017-Mar 2019