SHASHANK GINIPALLI

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(408) 431-4735

shashankginjpalli.github.io ##

10790 Maxine Ave Cupertino, CA 95014 🏦

EDUCATION 🚍

2017 - PRESENT | Graduating May 2021

Arizona State University | Barrett **Honors College**

Ira A. Fulton Schools of Engineering Dean's List **GPA 3.8**

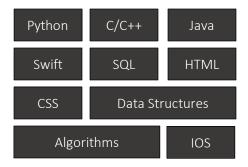
Relevant Coursework

Algorithms and Data Structures **Object Oriented Programming** Database Management Information Assurance **Operating Systems** Theory of Computation

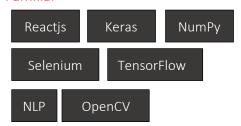
Discrete Mathematics Multivariable Calculus Linear Algebra **Probability & Statistics**

SKILLS 🖈

Proficient



Familiar



EXPERIENCE **EXPERIENCE**



[AUGUST 2019 - PRESENT]

Undergraduate Researcher | Sonoran Visualization Lab @ **Arizona State University**

Working on a Research Study in order to determine if NLP can be used in order to automatically recommend Datasets based on a News Article

[MAY 2019 - AUGUST 2019]

Al Intern | AutonomiQ

- Worked on a product that improves a Software Tester's efficiency by using AI to automatically test their application.
- Created a multithreaded smart scraper which provides the data to this algorithm so that it can automatically generate and execute testcases for their application

[OCTOBER 2017 – DECEMBER 2018]

Student Worker | ASU University Technology Office

 Worked in the IT team where I set up technology and helped students and staff diagnose issues with the lab equipment

PROJECTS A

[JANUARY 2020 - PRESENT]

AWS DEEPRACER

Working with a team of undergraduate students in order to develop a 1/18th scale camera-based self-driving car that runs on ROS (Robot Operating System) to compete in the AWS Deep Racer Competition Skills Used: Deep Learning, Reinforcement Learning, AWS

[APRIL 2019]

GRAPH ALGORITHMS

Created a Website that uses animations in order to teach how some popular graph traversal algorithms work Skills Used: HTML, CSS, Bootstrap, D3.js

[NOVEMBER 2019]

MOVIELIST

Created a Swift Application that serves a location to compile a list of movies that you would like to watch. The app uses web APIs in order to fetch information about the movie such as ratings and movie trailers Skills Used: Swift, CoreData, Multithreading, Rest API's, IOS, Mobile Dev

[JUNE 2020]

DEEP LEARNING APPLICATIONS – SELF DRIVING

Using Udemy to Learn Deep Learning and OpenCV by using them to train a self-driving car and evaluate its performance around a track Skills Used: Keras, TensorFlow, OpenCV, NumPy, SK-Learn