



SHASHANK GINJPALLI

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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

Python	C/C++	Java
Swift	SQL	HTML
CSS	Data Structures	
Algorithms	IOS	

Familiar

Reactjs	Keras	NumPy
Selenium	TensorFlow	
NLP	OpenCV	

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]

AI 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

[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