SHASHANK GINJPALLI

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EDUCATION

Barrett Honors College | Arizona State University (Computer Science) **August 2017 – Present**
Ira A. Fulton Schools of Engineering Dean's List
GPA: 3.74 *Graduating Dec 2020*
Relevant Coursework: Object Oriented Programming and Data Structures, Introduction to Programing Languages, Digital Design Fundamentals, Algorithms and Data Structures, Computer Organization, Python Programming, Discrete Mathematics, Multivariable Calculus, Linear Algebra Introduction to Engineering,

TECHNICAL SKILLS

Java, Python, C/C++, HTML, CSS, Bootstrap**,** Git**,** Active Directory

EXPERIENCE

ASU University Technology Office *Tempe, AZ* **October 2017 – December 2018**

- I have been working in the IT team since I started college where I set up technology and diagnose issues with the lab equipment

One Class Note Taker *Tempe, AZ* **August 2017 – December 2017**

- Worked at One Class and provided students who needed tutoring with notes from my Calculus 1 and Introduction to Programming with Java classes so that they could receive tutoring and succeed.

PROJECTS

Machine Autonomy, Arizona State University, Dec 2017:

- Developed an autonomous robot that efficiently maneuvers through a maze
- Implemented an intricate Maze Mapping algorithm using MATLAB and Python

Web Development, Arizona State University, April 2019

- Used HTML, CSS and D3 to create a website that teaches a subsection of the data structures and algorithms course at Arizona State University. It teaches Graph Algorithms by showing an animation to how they work.

Python, June 2018

- Implemented a file parser that can provide statistics from the World Cup games using Python and regex.
- Writing a Lane Detection System that detects lane lines on a road in Realtime (In – Progress)

Data Structures, Arizona State University March 2018

- Implemented an event tracking calendar in Java using linked lists, stacks and queues. Events are stored chronologically in a database and are updated automatically for past events.
- Created a virtual banking system database using linked lists where the user can create accounts and make money transactions.

Circuits, Arizona State University, Dec 2018

- Designed a Child Seat using a Moore and Mealy Machine that would trigger a push notification to the parents phone if it sensed a child in the car seat and the car key was not in the area. After 3 Minutes it would then turn on the ac until the child is removed from the seat.

ACTIVITIES

ASU Mobile Devs **January 2019 – Current**

- Came up with an app concept where you can share a shopping list with your roommates so that the first person who goes to the store can buy all the things on the list and the roommates get charged for what they wanted