



SHASHANK GINJPALLI

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EDUCATION

B.S. Computer Science | Arizona State University (Barrett Honors College)

August 2017 – Present | (*Graduating May 2021*)

Ira A. Fulton Schools of Engineering Dean's List

Relevant Coursework: Algorithms and Data Structures, Object Oriented Programming, Python Programming, Discrete Mathematics, Multivariable Calculus, Linear Algebra, Operating Systems, Theory of Computation

SKILLS

Python, C/C++, Java, Swift, HTML, Bootstrap, Git, Active Directory, IOS

EXPERIENCE

Undergraduate Researcher | Sonoran Visualization Lab @ Arizona State University | Tempe, AZ

August 2019 – Present

Using NLP to Determine News Bias on Articles

- (In Progress Second Author) Conducting a research study on how people pick out bias based on extracting feelings produced by articles and grouping it with similar articles

AI Intern | AutonomIQ | San Jose, CA

May 2019 – August 2019

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

Student Worker | ASU University Technology Office | Tempe, AZ

October 2017 – December 2018

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

PROJECTS

Deep Learning | Arizona State University | January 2020 – Present

- For my Capstone project me and a team of other undergraduate students are working on a self-driving 1/18th scale car that runs on ROS (robot operating system) that will eventually compete in the AWS Deep Racer Competition

Web Development | Arizona State University | April 2019

- Used HTML, CSS and D3 to create a website that display animations for various graph algorithms and shows how they work

Swift | November 2019

- Developed an IOS app that searches and adds movies to a watch list as well as brings up a map of nearby movie theaters

Python | June 2018

- Implemented a file parser that provides statistics from the World Cup games using Python and regex.
- Created a multithreaded recursive web scraper as a part of my internship at AutonomIQ to provide data to the testcase generation algorithm

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.