

SHREY SHAH

shreyshah33@gmail.com

www.linkedin.com/in/shreyshah33

<https://github.com/shreyshah33>

2236 Flanders Ln., Plano, TX 75025

Work Authorized (Permanent Resident)

+1 (469) 353 9460

Texas A&M University, College Station, TX

May 2021 | GPA: 3.99 | Honors GPA: 4.0

Bachelor of Science in Computer Engineering. Minor in Mathematics

Engineering Honors. Undergraduate Research Scholar. Dean's Honor Roll Recipient

Courses: Computer Architecture and Design, Data Structures and Algorithms, Intro to Computer Systems (OS)

TECH EXPERIENCE

Languages: C++, C#, Python, Java, JavaScript, R, HTML, CSS

Stack: Cloud Computing - GCP, AWS, Firebase; Databases - MongoDB, NoSQL, Firestore; Containerization - Docker,

Kubernetes; WebDev - Flask, Node.js, APIs; Machine Learning, OpenCV, Computer Vision, .NET, IoT, Android, ROS

WORK EXPERIENCE

8VC and Software.com - Software Engineering Intern and 8VC Fellow

December 2019 - Present

- Working on Data Collection algorithms and Database management systems.
- Will be interacting with top executives of Silicon Valley including members of PayPal Mafia.
- Tech Stack: React, Node.js, SQL servers, Python, HTML, CSS, R

Google Developer Student Club Lead for Texas A&M University

August 2019 - Present

- Designing and implementing a series of consumer focused products to benefit the BCS Community.
- Tech Stack: Java - Android, GCP - Firebase, App Engine, Compute Engine, MongoDB, Python - Flask

Undergraduate Research Scholar with Dr. Dezhen Song (Sponsored by GM)

April 2019 - Present

- Building a self-driving car to enter in the SAE AutoDrive Challenge.
- Developing machine learning algorithms to merge data from radar and cameras to identify objects accurately .
- Tech Stack: Machine Learning, ROS, C++, Python, R, OpenCV, Radar I/O, Database Management, IoT

DFW Consulting Group: Software Engineering Intern

June 2019 - August 2019

- Developed an internal Search Engine, internal database management software, WebApp and plug-ins for Autodesk's Revit and other .NET based software.
- Tech Stack: Google Cloud Platform, Python - Flask and Django, C# - .NET Core, VBA Macros – Excel.

Google Student Innovator for Google Cloud Platform (GCP) via Vaco

April 2018 - June 2019

- Ranked #1 for program outreach in a team of over 180 Student Innovators in the US.
- Acted as a Subject Matter Expert (SME) for GCP by mentoring fellow software engineers at hackathons and leading and delivering seminars on benefits of cloud computing to make projects more dynamic and powerful.

Project: Aggie Maps

April 2019 - Present

- Developing a Google Maps type interface for Texas A&M University using Aggie Routes API.
- Tech Stack: R - Machine Learning, Python, JavaScript – Node

Project: Net360 - Network Operation Center Management Tool (Hackathon Winner)

November 2018

- Led a team of 6 people in AggiesInvent to create this AR based data management tool to support various NOCs.
- This tool directs information to the right individual at a much faster pace using an algorithm that is based on NLP confidence ratios with databases of keywords and personnel information in a black box system in the NOC.
- Tech Stack: Natural Language Processing, Unreal Engine, VR, Caching Algorithms, Database Management, IoT

STUDENT ORGANIZATIONS

Aggie Coding Club: Workshops Officer

September 2018 - Present

- Delivering workshops about new and useful programming techniques used in the industry.
- Worked as the Emailing team lead in OneStopNotifications project of the club.

Aggie Magic Circle: Member

January 2018 - Present

- Performed in my first stage magic show "Spellbound" in April 2019. Link: <https://tx.ag/magicSKS>

HONORS AND AWARDS

- Dean's Honor Roll for Outstanding Academic Performance 2018 - 2019
- College of Engineering Scholarship 2019
- Winner and Participant in multiple AggiesInvent and Hackathons 2018 - 2019
- Winner - Matlab Coding Competition 2018