

# Siddharth Venkatraman

sid.venkatraman17@gmail.com | siddharthvenkatraman.com | <https://github.com/SiddharthVenkatraman21>

## EDUCATION

---

### **Texas A&M University, Bachelor of Science in Computer Science – College Station, Texas**

*College of Engineering, Engineering Honors Program (2020 – Present)*

- GPA: 3.95
- Expected Graduation Date: May 2024

**Relevant Coursework:** Data Structures and Algorithms, Computer Organization, Introduction to Computer Systems, Programming Languages, Programming Studio, Discrete Structures in Computing, Introduction to Program Design and Concepts

### **Vandegrift High School – Austin, Texas**

*Graduated in Top 5.8% of Class (37 of 640)*

- GPA: 4.00 Unweighted, 5.425 Weighted

**Software and Programming Languages:** Java, Python, C++, SQL, HTML, Django, Pandas, GitHub

**Data Processing and Visual Analytics:** Tableau, Celonis

## HONORS AND AWARDS

---

- Craig and Galen Brown Foundation Scholarship
- National Merit Scholarship
- National AP Scholar
- President's Endowed Scholarship
- Texas A&M Dean's Honor Roll
- AP Capstone Diploma

## COMPUTER SCIENCE EXPERIENCE

---

### **NBCUniversal Peacock Software Engineering Internship**

*Software Engineering, September 2022 – December 2022*

- Developed websites, demos and prototypes around Peacock's video player and encoding technologies
- Created scripts to automate and improve efficiency on existing manual processes
- Practiced Agile software development with daily standup meetings

### **NBCUniversal Media Technology Internship**

*Software Development, June 2022 – August 2022*

- Developed software to automatically detect and export expired GPG Keys to NBCU service
- Created script to find interface pairs between files and export results to a new file
- Generated forms for external data transfer between vendors and NBCU, as well as internal data transfer between organizations and applications within NBCU
- Designed Media Tech Associate Website as part of a team with other Media Tech Interns

### **Texas A&M Hackathon - TamuHack**

*American Airlines Challenge, January 2022*

- Worked in a team of 3 and created a website to analyze foot-traffic by date and airport
- Project code involved React, JavaScript and HTML

### **The Ultimate MySQL Bootcamp Certificate**

*January 2022*

- Developed a sample Mailing List Web Application using NodeJS and MySQL

- Used SQL to write queries and analyze real-world data across multiple tables

### **Tableau 2020 Certificate**

*December 2021*

- Analyzed real-world data and created various projections of findings
- Analysis Profile: <https://public.tableau.com/app/profile/siddharth.venkatraman>

### **Texas A&M Datathon - TamuDatathon**

*Data Science Hackathon, October 2021*

- Worked with a team of 3 and used the Celonis Data Processing Tool to create dashboards and analyze datasets for a sample business, then provided recommendations for improvements on profits and efficiency
- Final Project: <https://devpost.com/software/mama-mia-pizzeria-celonis-tamu-datathon-challenge-2021>

### **Django 3 Full Stack Website Certificate**

*June 2021*

- Learned how to use Django with Python to create full stack websites
- Developed a personal portfolio website, password generator website, and a to-do list website

### **University of Texas at Austin – High School Research Academy**

*High School Researcher, May 2019 – July 2019*

- Analyzed data in the field of astronomy by working with Jupyter Labs, Python, and the Pandas library
- Identified patterns in Galaxy Evolution by analyzing trends within data sets

## **ORGANIZATIONS, SERVICE AND LEADERSHIP**

---

### **Freshman Leadership Organization – Freshman Leaders Establishing Excellence (FLEX)**

*Freshman Member (2020 – 2021), Zone Leader (2021 – 2022), Grand-big Staff Member (2022 – Present)*

- As a Zone Leader, I oversaw a zone of 15 freshmen and created opportunities for freshman involvement
- Managed key organization events, such as retreats, formal, and banquet

### **Texas A&M Fish Camp**

*Camp Member (2020), Camp Counselor (2021, 2022)*

- As a Counselor, lead a discussion group of 12 freshmen during camp and throughout the year
- Attended trainings throughout the summer on facilitating small groups and working with a partner

### **MSC Abbott Family Leadership Conference**

*Houston Conference Delegate (2022 – 2023)*

- Attending various leadership seminars throughout the year, and spending time with conference directors
- Selected as a Delegate for the Abbott Family Houston Leadership Conference in Spring 2023

### **Aggie Club of Engineers**

*Service, Social and Professional Organization, Service Committee (2022 – Present)*

- Organized and promoted philanthropy events to raise money for struggling veterans through Camp Hope
- Worked together with other organizations on campus to organize various service and social events

### **Connect**

*Nonprofit Service and Social Organization, Service Committee (2022 – Present)*

- Organized various service projects that benefited the local community
- Traveled to different cities to participate in service events, such as Houston and Austin food banks