

# Siddharth Venkatraman

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## EDUCATION

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### **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, Discrete Structures in Computing, Introduction to Program Design and Concepts, Analysis of Algorithms (In Progress), Machine Learning (In Progress)

### **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

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- 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

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### **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

### **CBRE Challenge Hackathon Project**

*Texas A&M Hackathon, January 2023*

- Created website using React, JavaScript, HTML and CSS Styling
- Developed a preference-matching algorithm to sort teams into various floors of CBRE Building
- Developed Website: <https://siddharthvenkatraman21.github.io/CBREChallenge/>

## **American Airlines Challenge Hackathon Project**

*Texas A&M Hackathon, 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

## **ORGANIZATIONS, SERVICE AND LEADERSHIP**

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

*Zone Leader (2021 – 2022), Grand-bis 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 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)*

- Traveled to different cities to participate in service events, such as Houston and Austin food banks