Siddharth Venkatraman

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EDUCATION

Texas A&M University, Bachelor of Science in Computer Science – College Station, Texas
College of Engineering, Engineering Honors Program (2020 – Present), Planned Graduation: May 2024
- GPA: 3.75
- Minor: Business

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, Machine Learning, Artificial Intelligence

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

Charles Schwab Software Engineering Internship
Software Engineering, June 2023 – Present
- Part of the Trading Technologies team, working with Legacy Bridge to facilitate Mutual Fund trades
- Developing drainer applications for integration of new order exchange system into legacy architecture
- Using C#, .NET, Java, Python, and learning foundational concepts in securities trading
- Placed 1st in the Business Challenge Summit, designed the User Interface for my team's product

Peacock (NBCUniversal) 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
- 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

ORGANIZATIONS, SERVICE AND LEADERSHIP

Freshman Leadership Organization – Freshman Leaders Establishing Excellence (FLEX)
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, formals, and banquets
- Worked on a team of other staff members to plan events for freshmen throughout the year

Texas A&M Fish 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 Leadership 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 Chair (2023 – Present), Member (2022 – Present), Service, Social and Professional Organization
- Managed payments for philanthropy event and facilitated $3000 worth of sponsorships and ticket sales
- Worked together with local volunteer sites and campus organizations to plan various service events
- Managed a committee of 8 others, delegated various responsibilities and tasks to committee members