

Siddharth Venkatraman

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EDUCATION

Texas A&M University | Engineering Honors

College Station, Texas

Bachelor of Science in Computer Science / Minor in Business / GPA: 3.75

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, Machine Learning, Artificial Intelligence (AI)
- **Awards:** Craig and Galen Brown Foundation Scholarship, National Merit Scholarship, President's Endowed Scholarship, Dean's Honor Roll

WORK EXPERIENCE

Charles Schwab

Software Engineering Intern, June 2023 – August 2023

- As part of the Trading Technologies Team, worked with .NET Framework and automated regression testing for the Mutual Fund Legacy Bridge to decrease overall testing time and improve time to market by weeks
- Placed 1st in the Schwab Business Challenge Summit, designed User Interface for my team's final product
- Worked with C# and SQL to process various Mutual Fund trade events and send orders to the Aerospike Database through IBM MQ's

Peacock - NBCUniversal

Software Engineering Intern, September 2022 – December 2022

- Developed software scripts to automate and improve efficiency on existing manual processes
- Followed Agile software development and attended daily standup meetings, used Jira for project tracking

NBCUniversal

Media Technology Intern, June 2022 – August 2022

- Developed python code to automatically detect and export expired GPG Keys to NBCU service team
- Generated forms for external data transfer between vendors and NBCU, as well as internal data transfer between organizations and applications within NBCU

SERVICE AND LEADERSHIP

Aggie Club of Engineers

Service Chair (2023 – Present), Member (2022 – Present), Service, Social and Professional Organization

- Managed donations for our philanthropy, planned service events for the organization and led a committee

MSC Abbott Family Leadership Conference

Houston Leadership Conference Delegate (2022 – 2023)

- Selected as a conference delegate, studied leadership qualities from various well-respected speakers

Freshman Leadership Organization – Freshman Leaders Establishing Excellence (FLEX)

Grand-big Staff Member (2022 – 2023), Zone Leader (2021 – 2022), Member (2020-2021)

- Led a zone of 15 freshmen, planned banquets, formals, and retreats for the organization (over 100 people)

Texas A&M Fish Camp

Counselor (2021, 2022)

- Attended trainings over facilitating groups and working with a partner, led discussion groups of 15 freshmen

SKILLS

Technical: Python, Java, C++, C#, .NET Framework, SQL, Tableau, HTML, React, GitHub, Pandas, OOP

Projects: CBRE Preference Matching Challenge: <https://devpost.com/software/cbre-optimization-hack>

American Airlines Challenge: <https://devpost.com/software/american-airlines-foot-traffic-meter>

Additional Courses: Tableau 2020 Certificate, The Ultimate MySQL Bootcamp Certificate