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, Analysis of Algorithms, Machine Learning, Artificial Intelligence, Survey of Finance Principles, Survey of Accounting Principles
- **Awards:** Craig and Galen Brown Foundation Scholarship, National Merit Scholarship, President's Endowed Scholarship, Dean's Honor Roll
- **Leadership:** MSC Abbott Leadership Conference Delegate, Aggie Club of Engineers Service Chair, Freshman Leadership Organization Zone Leader, Freshman Orientation Camp Counselor

SKILLS

Technical: Python, Java, C++, C#, .NET Framework, SQL, OO Design, HTML, React, JavaScript, Pandas, Jira
Additional Certificates: Tableau 2020 Certificate, The Ultimate MySQL Bootcamp Certificate

WORK EXPERIENCE

Charles Schwab
Software Engineering Intern, June 2023 – August 2023

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

Peacock - NBCUniversal
Software Engineering Intern, September 2022 – December 2022

- Developed software scripts to automate existing manual processes to improve team's productivity
- Adopted 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 to improve overall data transfer clarity

PROJECTS

Chilifest Music Festival Build Catalog Website
React, JavaScript, CSS | https://chilifestbuilds.com

- Incorporated React Framework and JavaScript Transitions to provide an engaging user experience and allow customers (hundreds of Texas A&M Students) to compare prices of various Chilifest builds
- Obtained and displayed Chilifest Build Information from various fraternities/men's organizations

NBA Live StatLeaders Website
React, JavaScript, APIs, CSS | https://dailynbastats.netlify.app

- Implemented real-time data updates through API calls to retrieve live NBA scores and player statistics
- Created and styled cards to show daily scoring leaders and game results ranging from 1949 to live matchups

Rev's American Grill Point of Sale System
React, Java Spring Boot, Agile Software Development, PostgreSQL

- Created Customer, Server and Manager pages connected with PostgreSQL Database
- Utilized REST API calls for Google Translate, OAuth, and Google Maps