

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, Tableau, 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

Peacock - NBCUniversal

Software Engineering Intern, September 2022 – December 2022

- Developed software scripts to automate and improve efficiency on existing manual processes
- 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

PROJECTS

Rev's American Grill Point of Sale System

React, Java Spring Boot, Agile Software Development

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

CBRE Preference Matching Challenge

React, JavaScript, Python

- Engineered a Python-based preference matching algorithm to optimize groupings based on input
- Designed and implemented a React front end to present algorithm results and enhance user experience

American Airlines Challenge

React, JavaScript, Pandas, Python

- Created website to display airport traffic across USA based on dataset of domestic flight times
- Intended to help travelers avoid large crowds during Covid-19 Pandemic at any airport