

# Siddharth Sundaram

+1 (469) 615-0584 | [LinkedIn](#) | siddharthsundaram@utexas.edu | [GitHub](#) | 2505 Longview St, Austin, TX, 78705

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## PROFESSIONAL SUMMARY

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Industrious, analytical student and data science intern looking to learn and apply advanced data analytics and computer science. Seeking to use my technical skills to gain professional tech experience, and eventually develop machine learning in the medical field.

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## PROFESSIONAL EXPERIENCE

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**Data Science Intern**, *7-Eleven Corporate HQ*, Irving, TX Sep 2022 - Present

- Designed & implemented program for ingesting streamed millions of transaction data using parallel computing
- Created a program to filter and analyze monthly customer loyalty status for Speedway, a newly acquired company

**Food Handler**, *Cold Stone Creamery*, Southlake, TX Oct 2020 - Jan 2021

- Managed an app to keep track of inventory of products

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## EDUCATION

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**New Apprenticeship**, Data Analytics Learner | New Apprenticeship, Remote Jul 2022 - Sep 2022

- Developed technical skills related to Statistics, SQL, and Tableau
- Analyzed datasets and applied skills to create reports and insights
- Collaborated with a team of analysts on a number of challenges related to data

**University of Texas at Austin**, Undergraduate Student, Austin, TX Aug 2021 - Present

- B.S. Biomedical Engineering, GPA 3.88
- Elements of Computing Certificate
- Relevant Coursework: Elements of Software Design, Differential Equations and Linear Algebra, Software Engineering I & II, Probability and Statistics, Computational Fundamentals of BME Design, Numerical Methods

**R. L. Turner High School**, Student, Carrollton, TX Aug 2017 - May 2021

- STEM, GPA 3.98

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## TECHNICAL SKILLS

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**Programming/Web Dev:** Python, Java, C++, MATLAB, HTML, SQL, Git, Linux/Unix, Data Structures, Algorithms, Django, PySpark, Azure Databricks, Parallel Computing

**Other:** SOLIDWORKS, Fusion 360, Tableau

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## LEADERSHIP & COMMUNITY INVOLVEMENT

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**Undergraduate Research Assistant**, *Wang Research Group*, Austin, TX Jan 2022 - Nov 2022

- Conducting research on gene delivery and expression using non-viral vectors
- Focus on gene treatment for HIV and Parkinson's Disease

**Global Youth Volunteer**, *AIM for Seva*, Dallas, TX Jul 2018 - Present

- Designed and taught lesson plans for math, reading, and science to 5th graders at a rural school in Manjakkudi, Tamil Nadu, India

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## PROJECTS

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**CodeAssist** May 2022 - Sep 2022

- Program to help students develop their code for assignments; Accepts a file submission of student's code, runs the file, and explains errors/shortcomings so as to guide the student towards completion.
- Developing the form for user side using HTML, website and functions for back end using Django and Python

**Diplomacy** Oct 2022 - Nov 2022

- Simple implementation of the Diplomacy game using a software engineering design, develop, and test process
- Made use of Git and a pipeline to securely update and validate the code