

Siddarth Kotthur

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EDUCATION

Texas A&M University

Bachelor of Science in Computer Science | GPA: 4.0

College Station, TX

Aug. 2022 – May 2026

TECHNICAL SKILLS

Languages: Python, JavaScript, PHP, HTML/CSS, C++, C#, Java

Technologies & Frameworks: Svelte, Node.js, Vue, NumPy, Pandas, Next, React, Flask, Material-UI, RestAPI, Tailwind, Firebase, MongoDB, PySide6, Tkinter, Matplotlib, Git/Github, WebSockets

EXPERIENCE

Software Development Intern

PayCom

May 2024 – Present

Grapevine, TX

- Built a referral platform for **10,000s** of employees using **React** and **Node**, significantly improving the efficiency of the referral processes.
- Utilized **MVC frameworks** to build scalable and efficient **SQL** database systems, optimizing data management for internships, full-time, and returning roles.

Data Science & App Development Intern

Advanta Seeds

Feb 2023 – May 2024

College Station, TX

- Developed a highly efficient **Python** app for crop genetics to eliminate **100%** of human errors that are commonly caused through the use of Excel sheets.
- Utilized **Pandas** and **NumPy** for data analysis to streamline the data analysis process and save **2 days** worth of time.

Undergraduate Teaching Assistant

Texas A&M University

Aug 2023 – Present

College Station, TX

- Conducted office hours to provide individualized assistance, enhancing students' comprehension of course materials
- Diligently graded exams and quizzes for a diverse student body, contributing to the educational process for **200+** students.

Undergraduate Research Assistant

Texas A&M University

Sep 2022 – Dec 2022

College Station, TX

- Led **7** designers in creating research study websites that demonstrated progress and outcomes, finishing the project **4 days** early due to effective leadership.
- Used **Python** and **machine learning** to predict and visualize predator behavior patterns from game camera data, leading to more efficient wildlife management decisions.

Full Stack Engineer

Fintech Industrial

Dec 2021 – May 2022

Plano, TX

- Improved landing pages with tables and graphs, resulting in a **30%** increase in user engagement and confirming improved user experience.
- Created **Vue.js** components, reducing delivery time by **60%** and improving development efficiency and final product.

PROJECTS

Scout | JavaScript, React, Python, OpenCV, Flask | **TamuHackX Winner**

May 2023 – Present

- Built an app utilizing Optical Recognition and ML to aid partially blind/deaf people in learning Braille and ASL.

SASETamu Attendance | JavaScript, Auth

November 2023 – January 2024

- Developed an effective attendance system for **1200** students part of TAMU SASE.

LEADERSHIP

Project Manager

Texas A&M University

Sep 2022 – Present

College Station, TX

- Led **20** web developers in building a high-capacity stock market simulation site and coached **11** newcomers to master full-stack development.