Chaithu Talasila

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Education

Flower Mound High School, Flower Mound, TX
GPA: 3.80 (unweighted), 4.91 (weighted)
Advanced Coursework: Human Geography (5), Biology (4), World History (5), Computer Science A (4) | *Scheduled for 2022

Leadership Experience

Flower Mound High School Robotics Team *August 2020- Present Lead of coding team 10 hours per week / 41 weeks per year* ● Managed the robotics team's GitHub repositories, helped program the FRC robot and helped all FTC teams debug any errors their code had.

Flower Mound High School TSA Team *May 2020 - Present Logistics lead. team advisor and organizer of all events 8 hours per week / 52 weeks per year* ● Logistics lead, helping calculate the budget and ordering parts any of the TSA team may need.

Flower Mound High School Model UN Club *August 2021 - Secretary and meeting organizer 5 hours per week / 41 weeks per year* ● Creating and leading a club that grew to over 50 members that worked on over 100 local service projects, 22 statewide projects, and 5 national and international projects.

Flower Mound High School AWS Deepracer team *August 2021 - Present Team Lead 3 hours per week / 41 weeks per year* ● Leading weekly meetings; helping build ML models and debugging any errors other members may have.

Volunteer Experience

Interns 4-good October 2020 - March 2021 **Student Intern and Volunteer** *2 hours per week/ 6 months a year* ● Tutoring underprivileged kids across the nation over zoom for free

Kumon May 2021 - July 2021 **Kumon Volunteer** *53 service hours* ● Working with the students at Kumon and helping them solve problems and organizing the worksheets.

Tech To Empower October 2021 - Present **Vice President** *20 service hours* ● Providing free, recycled computers to underprivileged kids, elderly people, and schools.

Shadowing Experience

Cisco *July 2022-Present* **Student Intern and Volunteer** ● Used pandas to visualize data and improved the speed of tasks using multiprocessing in python

Research Experience

Clubs and Activities

Flower Mound High School FRC Robotics Team March 2021- Present **Lead of Coding team** *10 hours per week / 52 weeks per year* ● Helping program the FRC robot, as well as fixing any wiring or design issues.

Flower Mound High School TSA Club August 2020- Present **Logistics Lead, team advisor, organizer of all events** *5 hours per week / 52 weeks per year* ● Organizing camps, or events to get more people to join the tech club, and helping team budget and ordering parts they may need.

Flower Mound High School Model UN Club August 2021- Present **Secretary** *3 hours per week / 41 weeks per year* ● Organizing team and reviewing the team arguments and giving feedback before the competition.

Honors and Awards

Honor Societies: National Honor Society, English Honor Society, Mu Alpha Theta Honor Society, Latin Honor Society, Science Honor Society August 2021- Present

Hobbies and Activities

Python ML Model skills development using Tensorflow and Pytorch August 2019- Present **Making Machine Learning models predict stock market trends through stimulated data** *3 hours per week / 52 weeks per year*

OpenCV and Pytorch skills development August 2017- Present **Programming algorithms for image detection and classification of items in pictures and videos** *3 hours per week / 52 weeks per year*

Homelab August 2010 - Present **Tinkering around with computers and setting up networks and adding security to my house** *6 hours per week / 52 weeks per year*

Linux Skills Development August 2010 - Present **Research and refinement of bash commands and scripts including Docker, Ansible, and Kubernetes** *6 hours per week / 52 weeks per year*

Work Experience