

Parth Sharma

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EDUCATION

University of Texas At Arlington

Bachelor of Science in Computer Science, Minor in Data Science

Arlington, TX

Aug. 2021 – May 2025

EXPERIENCE

Live-on Peer Academic Leader

University of Texas at Arlington

June 2022 – Present

Arlington, TX

- Helping students transition from high school to college life through the carefully crafted course of UNIV-1131 Student success.
- I specifically teach the engineering specific set of students and help them in getting prepared for the pitfalls of engineering.

Teaching Volunteer

Saint Xavier's High School

Sep. 2019 – 2020

Ahmadabad, India

- Set up campus computers used on campus in public schools
- Troubleshoot computer problems brought by students, faculty and staff

Course Experience

University of Texas at Arlington

2021

UTA

- Intro to programming, Intermediate programming, Object-Oriented Programming, Algorithms and Data Structures, Computer Organisation, Linear Algebra, Python for Data Science

Volunteer

Kaira

May 2019 – July 2019

Ahmadabad

- Helped spread HIV/AIDS awareness among adolescents and Teenagers:
- This program entailed going to various places including schools, slum areas, and various adolescent institutes to spread awareness regarding HIV/AIDS and sex education.
- Spread awareness of child rights in Ahmadabad city's Urban slums
- This program entailed providing awareness in urban slum areas regarding children rights such as right to free education, prohibited child labor, sex and Health education.

AWARDS

HackSMU Winners | Carbonise

September 2022

1st position in the high school, 48th in Gujarat, and 1340th in the nationals in English Olympiad | 2019

Winner at inter school Science Quiz competition |

September 2018

PROJECTS

Pi-dentification | Python, OpenCV, Firebase, React, Azure, Node.js, JavaScript, raspberry pi, React September 2022

- Developed a full-stack web application with a team at HackDFW which used raspberry pi as the back end for a facial recognition software powered by OpenCV
- The web application was tailored for hospital staff to check who currently was present in a specific room for security purposes.
- Configured a NFC reader to work with a network of raspberry pis which held a database on Firebase.
- <https://devpost.com/software/pi-dentification>

Carbonise | Python, Firebase, React, Azure, Node.js, JavaScript September 2022

- Developed a full-stack web application with a team at HackSMU and won using with Node.js and Python APIs and React as the front-end
- Implemented Azure as the database and back end.
- <https://devpost.com/software/carbonize-u0kedb>

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, WordPress

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, OpenCV **Communication:** - Proficient in communication skills from being a Peer Academic Leader and teaching freshman classes.