

# Parth Sharma

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## EDUCATION

### University of Texas At Arlington

Arlington, TX

*Bachelor of Science in Computer Science, Minor in Data Science*

*Aug. 2021 – May 2025*

### Course Experience

2021

*University of Texas at Arlington*

UTA

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

## EXPERIENCE

### Live-on Peer Academic Leader

June 2022 – Present

*University of Texas at Arlington*

*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

Sep. 2019 – 2020

*Saint Xavier's High School*

*Ahmadabad, India*

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

### Volunteer

May 2019 – July 2019

*Kaira*

*Ahmadabad*

- Helped spread HIV/AIDS awareness among adolescents and Teenagers:
- 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

## 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.