

Parth Sharma

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Education

The University of Texas at Arlington

B.S. Computer Science, 3.8 GPA

Arlington, TX

Aug 2021 - May 2025

- **Relevant Coursework:** Intermediate programming, Object-Oriented Programming, Algorithms and Data Structures, Computer Organisation, Linear Algebra, Python for Data Science

Work Experience

University of Texas at Arlington

Live-on Peer Academic Leader

Arlington, TX

Jun 2022 - Present

- 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.

Saint Xavier's High School

Teaching Volunteer

Ahmedabad, GJ

Sept 2029 - Sept 2020

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

Projects

Pi-dentification

HackDFW 2022 - WINNER

Python, OpenCV, Firebase, React, Azure, JavaScript

- Developed a full-stack web application with a team at HackSMU 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.

OSeeOurText

TAMU Datathon 2022

Python, TensorFlow, Google Collab, Twilio

- Developed a program to read text from images using Keras OCR using natural language processing and TensorFlow in python.
- Implemented an SMS loop that acted like a conversion if the image was a comic strip.

Carbonise

HackSMU 2022

Python, Firebase, React, Azure, JavaScript

- Developed a full-stack web application with a team at HackDFW and won using Node.js and Python APIs and React as the front-end
- Node.js was also used to handle interaction with Google Maps, Azure, and Twilio SMS API

Skills

Language and Libraries

Python, JavaScript, Java, C++, C, React, Node.js, Flask, OpenCV, Pandas, Numpy, React Native

Platforms and Frameworks

Git, Linux, MySQL, Firebase, Keras, MongoDB, Netlify