Parth Sharma

469-664-5069 *|* [parthsharma0310@gmail.com](mailto:parthsharma0310@gmail.com) *|* [LinkedIn](https://linkedin.com/in/parthsharma0310) *|* [Github](https://github.com/pxs4528)

# Education

**University of Texas At Arlington**

*Bachelor of Science in Computer Science, Minor in Data Science Aug. 2021 – May 2025*

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

# Projects

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

* + 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. [Pi-dentification](https://devpost.com/software/pi-dentification)

## **OSeeOuRtext** *| Python, Tenserflow, Google Collab, Natural Language Processing, Cohere, Twilio*

* + Developed a program to read text from images using Keras OCR using natural language processing and tenserflow in python.
  + Implemented a SMS loop which acted like a conversion if the image was a comic strip. [OSeeOuRtext](https://devpost.com/software/opticaltext-tech)

## **Carbonise** *| Python, Firebase, React, Azure, Node.js, JavaScript*

* + Developed a full-stack web application with a team at HackDFW and won using with Node.js and Python APIs and React as the front-end
  + Implemented Azure as the database and back end. [Carbonize](https://devpost.com/software/carbonize-)

# Awards

**HackSMU Winners** *| Pi-dentification* September 2022

# Technical Skills

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

**Frameworks**: React, Node.js, WordPress

**Developer Tools**: Git, VS Code, Visual Studio, PyCharm, IntelliJ

**Libraries**: Pandas, NumPy, OpenCV

# 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*

∗ Set up campus computers used on campus in public schools

∗ Troubleshoot computer problems brought by students, faculty and staff